

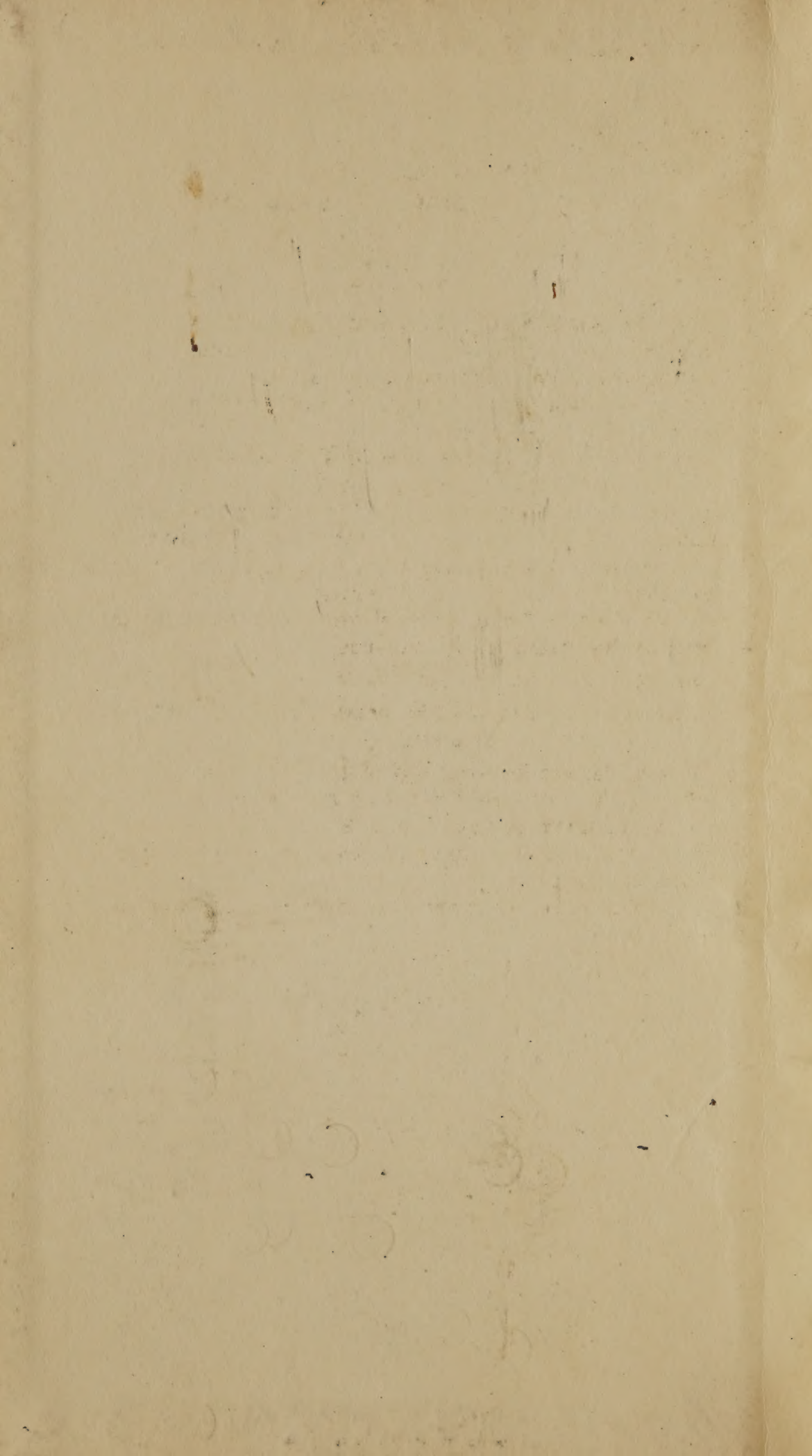
Variety

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
OFFICE OF FORAGE CROPS AND DISEASES

Soybeans
Holgate
1930



SUGGESTIONS CONCERNING THE TAKING OF FIELD NOTES IN THE OFFICE OF FORAGE CROPS AND DISEASES

The following notes should be expressed as given:

SIZE OF PLAT.—State in fractions of an acre, as $\frac{1}{2}$, $\frac{1}{10}$, etc., or, if nursery rows, length and width of the row in feet.

RATE OF SEEDING.—Pounds per acre.

STAND.—Given in percentages or number of plants in the row.

DATE.—Given in figures, as 9-15 (September 15).

In addition to the above notes, records should be made on kind of soil, character of field, previous crops, preparation of seed bed, and seeding method and other general notes pertinent to the experiment. It is suggested that the numerical system be used in taking other notes when possible and that five different degrees of condition of the character be available for expression.

An example of this system is as follows:

LODGING.—1=prostrate, 3=nearly prostrate, 5=leaning, 7=suberect, 9=erect.

In case degrees between any of the five stages are observable, they may be designated by one of the intermediate numbers, such as 2, 4, 6, 8. The leaders of the various projects will supply the characteristics on which records are desired.

The following space is available for a description of the legends used.

Variety Test. --- 1-101

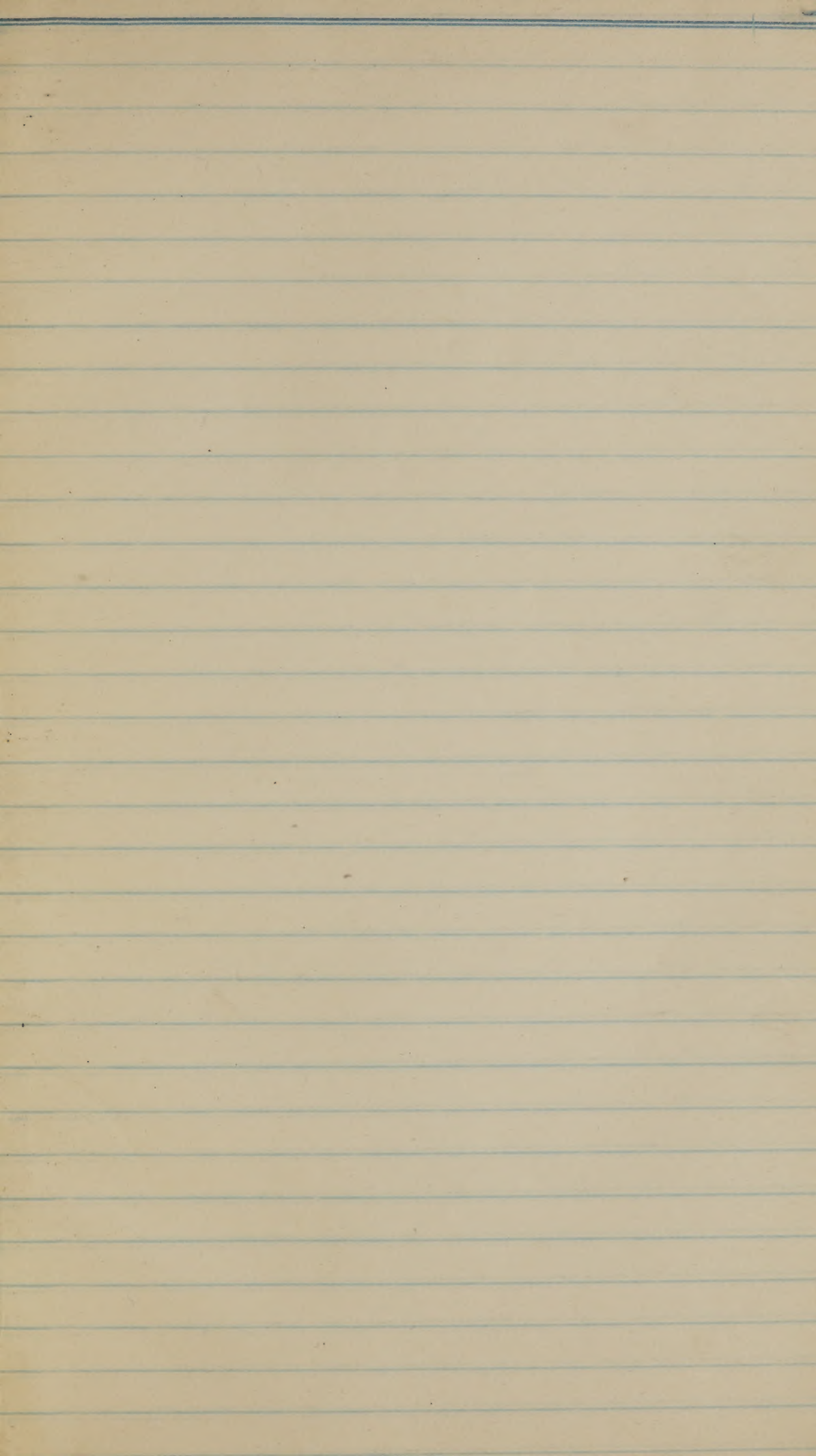
Eight Rod Row --- 107-123

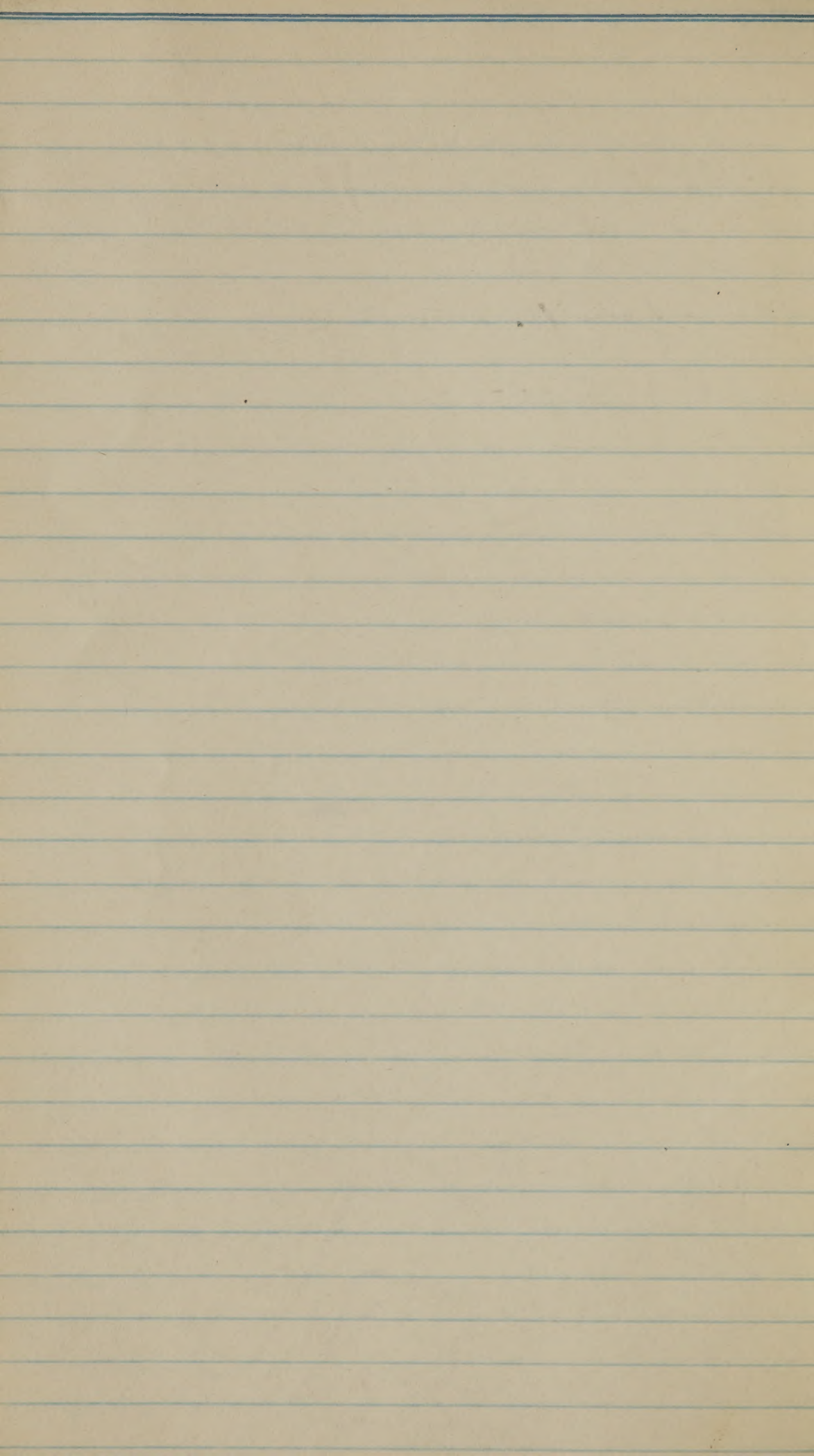
Hay Studies

Manchu --- 129-133

Harbinsoy --- 137-141

Wilson-5 --- 145-149





Key.

Lodging - 0 to 9

no lodging to all lodgers.

Variety			Test		For 1931
Plot	Range	Variety	Row 1	Row 4	Total
1	A	minsay ✓	7.9	5.6	
27	A	minsay	6.5	7.2	
7	B	minsay	6.8	7.5	
33	B	minsay	7.1	7.0	
12	C	minsay	7.2	7.6	
38	C	minsay ✓	6.0	7.0	
17	D	minsay	6.9	7.1	
43	D	minsay	6.5	7.7	
22	E	minsay ✓	7.0	7.6	
48	E	minsay	8.1	10.3	

Bloom 7/7 P

Cut for hay 8/3/31

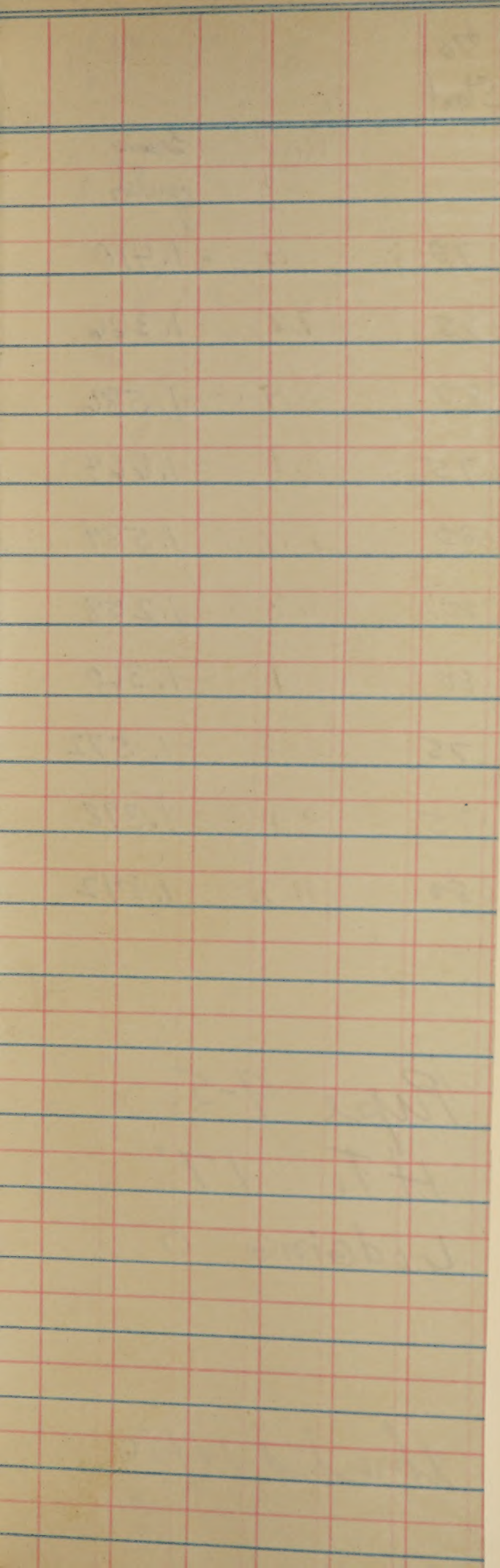
Height " 19"

Lodging 1

Disease 3

Mower Waste 4

poor stand



676
Stand

Straw
yields

70

1.410

75

1.366

80

1.586

75

1.664

80

1.584

80

1.258

80

1.360

75

1.572

75

1.378

80

1.842

Ripe 9-5

H.T. 17"

Lodging 0

threshed 10/20

Plot	Range	Variety	Date	colon	Row	Row
			Bloom	Bloom	1	4
2	A	Mandarin	7/7	P	10.4	9.6
28	A	Mandarin			7.9	9.1
8	B	Mandarin			8.7	9.3
34	B	Mandarin			9.1	7.9
13	C	Mandarin			10.2	10.3
39	C	Mandarin			9.3	7.6
18	D	Mandarin			9.7	8.8
44	D	Mandarin			10.8	10.6
23	E	Mandarin			9.1	9.1
49	E	Mandarin			11.2	9.4

Bloom 7/7 P

Cut for hay 8/8/31

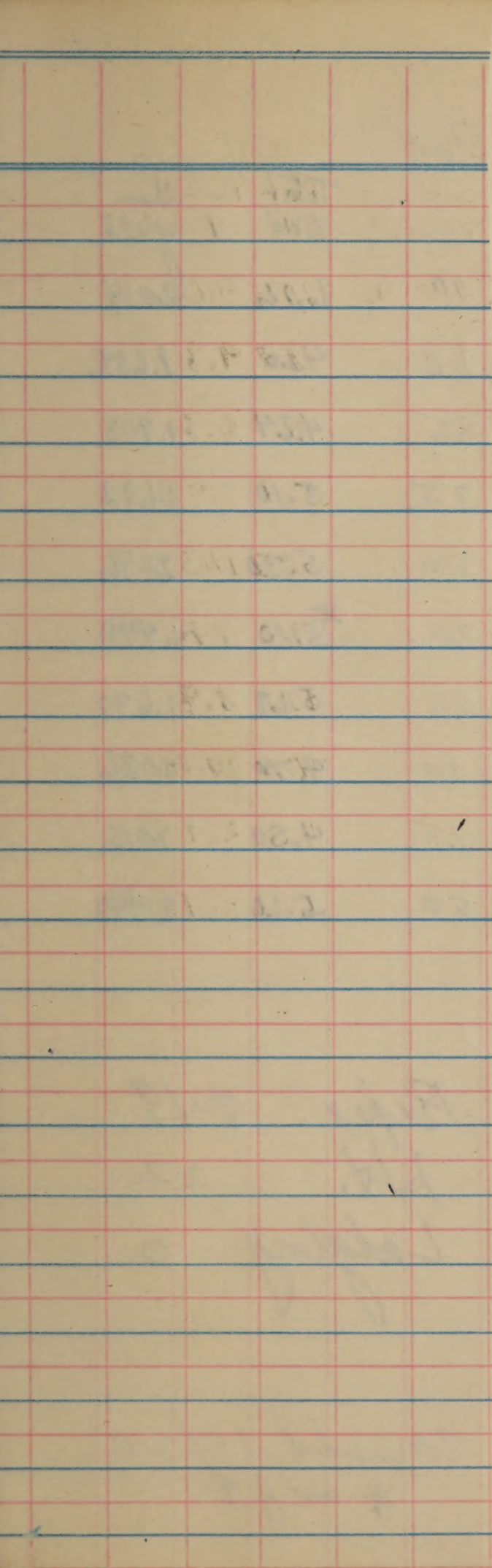
Height " " 30"

Lodging 0

Disease 1

Mower waste 1

Shortened nodes - flower clusters



Stand

Total
Yield

Grain
yield

90

6.16

2.014

75

4.20

1.656

85

4.64

1.908

75

5.10

1.692

80

5.30

2.296

75

* 5.10

1.448

80

5.68

1.690

80

4.70

2.086

75

4.50

2.016

80

5.60

2.440

Ripe

9-19

Ht.

22

Lodging

0

Threshed 10/20

* av of 9

Plot	Range	Variety	Date	Color	Row	Row
			Bloom	Bloom	1	4
3	A	Wis. Black	7/7	P	14.6	14.1
29	A	Wis. Black			14.8	11.8
9	B	Wis. Black			13.8	13.2
35	B	Wis. Black			12.5	13.2
14	C	Wis. Black			12.2	10.7
40	C	Wis. Black			12.2	11.1
19	D	Wis. Black			13.0	11.9
45	D	Wis. Black			11.2	14.2
24	E	Wis. Black			15.0	13.4
50	E	Wis. Black			13.5	15.7

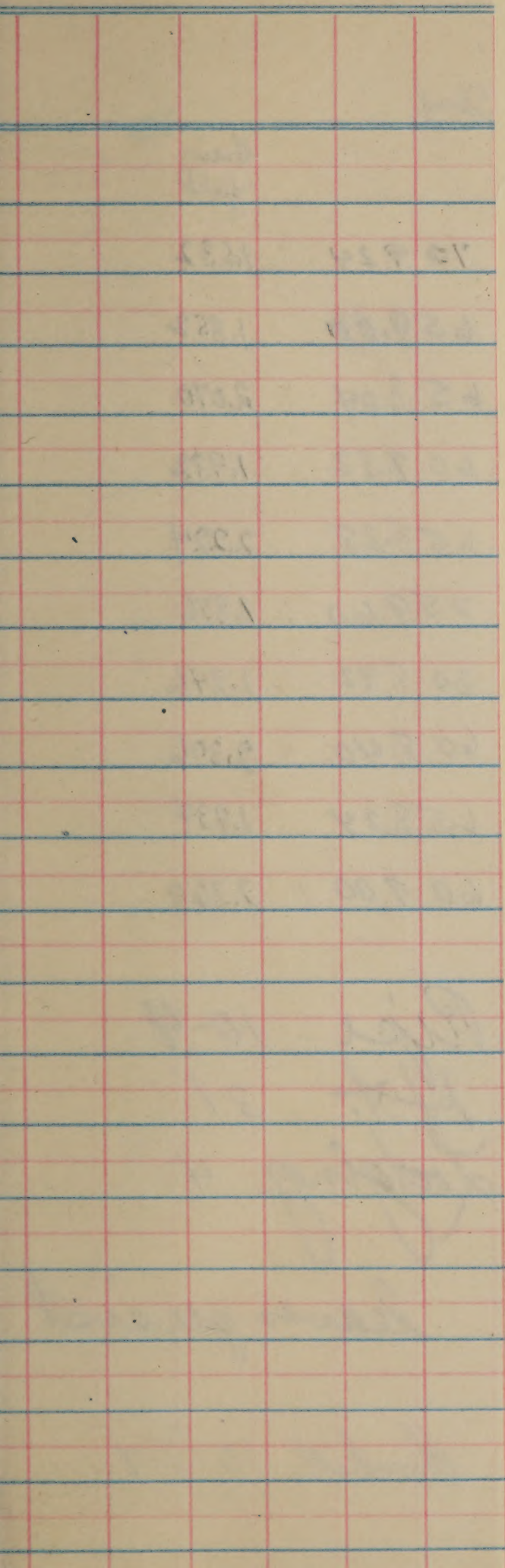
Date cut 8/18

Height 36"

Lodging 3

Disease 1

Mower waste 1



Stand

beam
field

70 9.24 1.632

65 9.00 1.852

65 8.04 2.070

60 7.32 1.932

65 8.28 2.224

75 9.60 1.856

60 8.92 1.846

60 8.40 2.306

65 8.24 1.934

60 7.00 2.360

Ripe 10-4

Ht. 31

Lodging 4

leaves persist

threshed 10/27

Plot	Range	Variety	Date	Color	Row	
			Bloom	Bloom	1	4
4	A	Saypota	7/7	P	10.4	9.9
30	A	Saypota			9.4	9.5
10	B	Saypota			9.2	10.2
36	B	Saypota			8.2	7.6
15	C	Saypota			10.7	10.0
41	C	Saypota			10.4	11.4
20	D	Saypota			20.7	
46	D	Saypota			12.6	11.8
25	E	Saypota			11.7	10.9
51	E	Saypota			11.5	10.6

Cut for hay 8/12/31

height 31"

lodging 7

Mower Waste 4

Disease 2



Stand	Yield	Grain Yield
75	6.48	1.874
65	5.64	2.446
70	5.72	2.310
65	5.48	1.860
65	5.52	2.176
70	5.96	2.350
65	5.76	2.450
70	6.46	2.682
60	6.20	2.600
70	6.12	2.860

Ripe 10-2

Net 23

Lodging 5

Plot	Range	Variety	Date	color	Row	
			Bloom	Bloom	1	4
5	A	Habaro	7/8	P	9.3	9.3
31	A	Habaro			10.0	10.5
11	B	Habaro			6.7	9.5
37	B	Habaro			8.1	5.8
16	C	Habaro			9.8	11.9
42	C	Habaro			11.0	11.4
21	D	Habaro			9.3	8.6
47	D	Habaro			15.2	12.4
26	E	Habaro			11.4	12.4
52	E	Habaro			11.5	10.3

Date cut 8/12

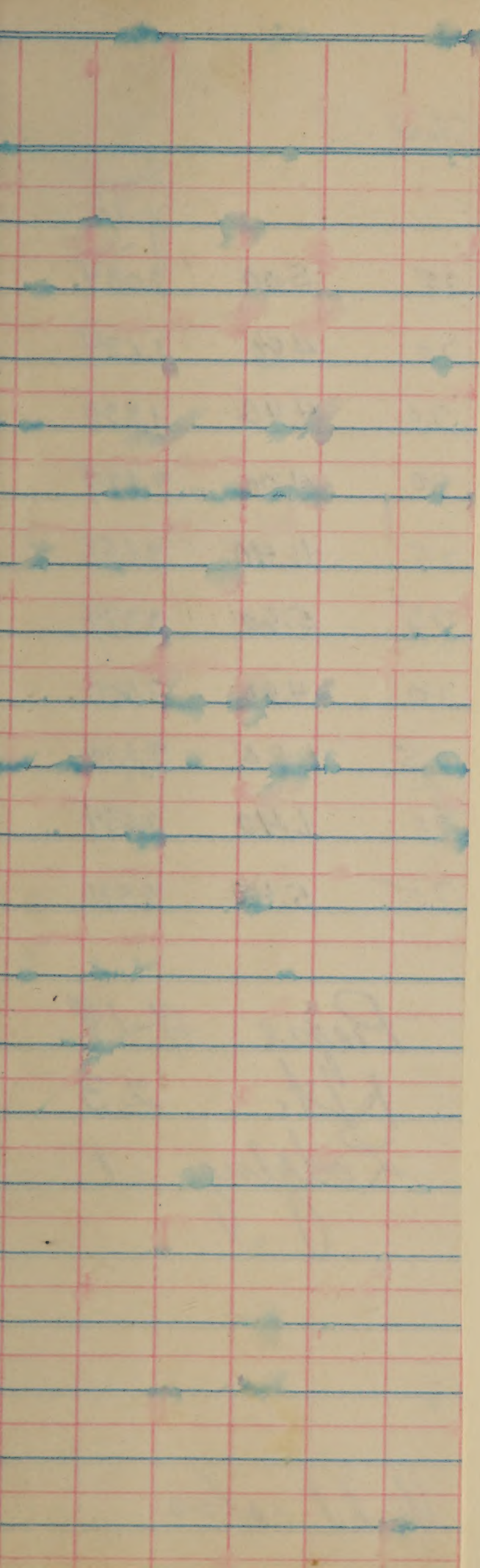
Height 27"

Mower waste 2

Lodging 4

Disease 2

Cut first 5 on 8/12 before rain
Took 2 shrinkage. Third shrink
taken 8/12 after rain.



Stand

Grain
yield

75 5.00 2.084

70 4.80 1.634

70 4.40 1.820

80 4.00 2.124

75 6.40 2.688

75 5.60 2.374

70 4.60 2.000

75 6.80 2.600

70 6.40 2.654

75 5.40 2.516

Ripe 9-19

1st. 23

Lodging 1

Threshed 10/20

Plot	Range	Variety	Date color		Row	
			bloom	bloom	1	4
6	A	Manchu 22/6	7/14	P	19.5	17.8
32	A	Manchu 22/6			20.9	19.3
12	B	Manchu 22/6			19.1	17.2
38	B	Manchu 22/6			19.4	20.3
17	C	Manchu 22/6			20.7	20.7
43	C	Manchu 22/6			19.9	17.7
22	D	Manchu 22/6			21.9	18.9
48	D	Manchu 22/6			24.6	21.4
27	E	Manchu 22/6			21.8	19.5
1	E	Manchu 22/6			23.0	22.5

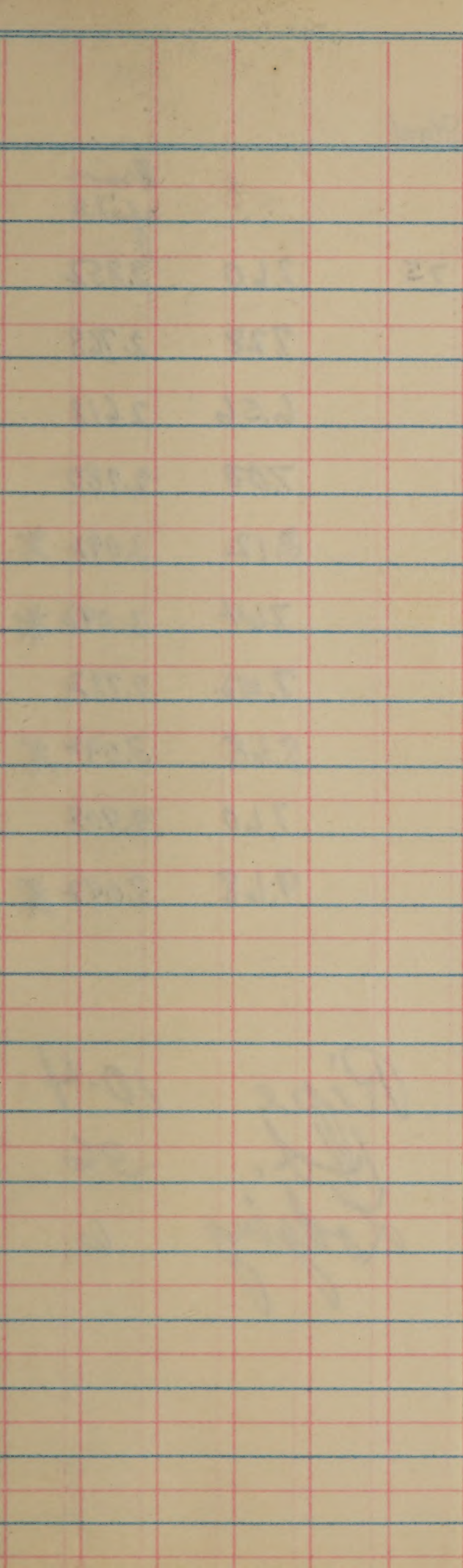
Date cut 9-8

Height 39

Lodging 5

Disease 1

Mower waste 2



Stand

Grain
yield

75

7.60

2.852

7.28

2.768

6.56

2.618

7.00

2.780

8.12

3.092 *

7.64

3.092 *

7.52

2.782

8.68

3.092 *

7.60

2.908

9.68

3.092 *

Ripe 10.4
Hd. 36
Lodging 6

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
7	A	Ito San	7/14	P	11.0	9.9
33	A	Ito San			10.2	10.8
13	B	Ito San			11.1	12.3
39	B	Ito San			10.1	12.5
18	C	Ito San			14.3	13.7
44	C	Ito San			12.6	13.3
23	D	Ito San			10.2	10.5
49	D	Ito San			13.5	13.7
28	E	Ito San			12.1	12.4
2	E	Ito San			13.2	12.4

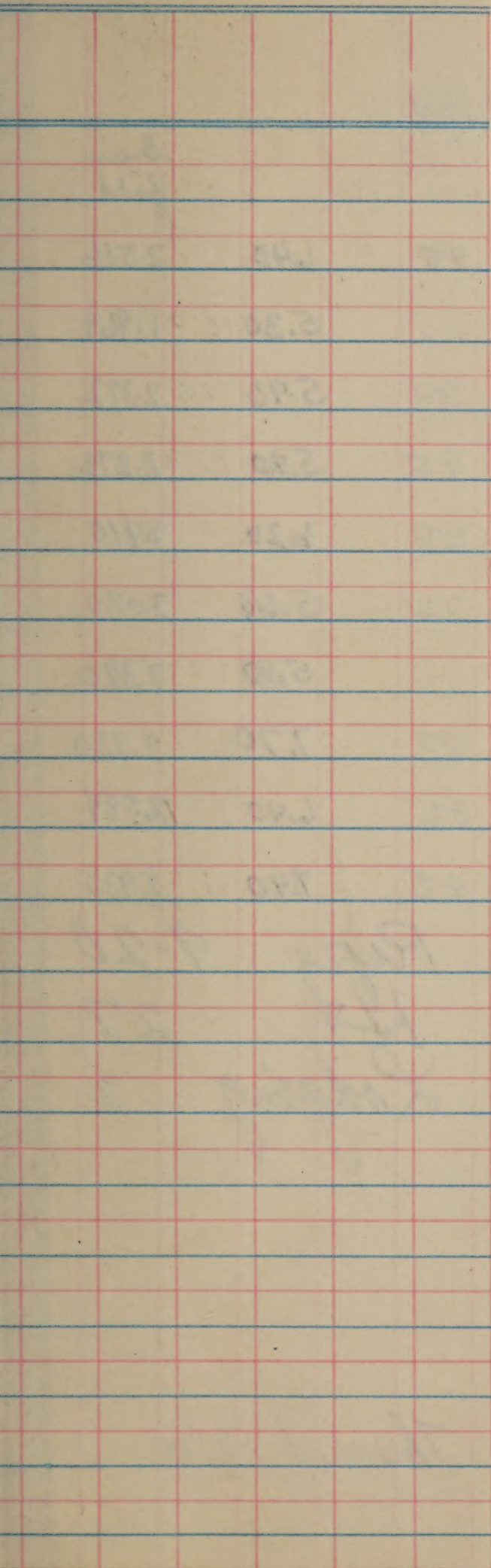
Date cut 8/24

Height 35"

Lodging 5

Disease 4

Mower waste 5



Stand

Strain
Yield

85 6.40 2.516

85 5.30 1.964

80 5.90 2.372

85 5.80 2.272

80 6.20 2.410

85 5.60 2.080

85 5.80 2.320

80 7.70 2.720

85 6.40 2.584

85 7.40 2.930

Ripe 9-20

Net 2.7

Lodging 2

Threshed 10/20

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
8	A	manchuria	7/16	P	21.2	18.5
34	A	manchuria			18.5	18.9
14	B	manchuria			19.5	17.8
40	B	manchuria			20.3	17.2
19	C	manchuria			18.1	20.3
45	C	manchuria			19.3	18.4
24	D	manchuria			21.2	19.8
50	D	manchuria			23.9	21.7
29	E	manchuria			18.7	16.8
3	E	manchuria			21.0	21.3

Date cut 9-8
 Height 35
 Lodging 5
 Disease 3
 Mower waste 3

Stand

Grain
yield

80	8.32	3.436
75	7.80	3.234
75	7.70	3.120
75	8.00	3.330
75	8.12	3.290
75	8.44	3.330
75	7.84	3.010
75	8.66	3.320
75	7.60	3.062
80	8.70	3.244

Ripe 9-30

HA 34

Lodging 4

Threshed 10/24/31

Plot	Range	Variety	Date	color	Row	Row
			Bloom	Bloom	1	4
9	A	Mandula vis	7/7	P	12.9	14.5
35	A	Mandula vis			12.3	13.0
15	B	Mandula vis			13.3	16.3
41	B	Mandula vis			13.6	14.6
20	C	Mandula vis			14.1	15.4
46	E	Mandula vis			13.3	15.0
25	D	Mandula vis			12.0	13.6
51	D	Mandula vis			14.5	15.2
30	E	Mandula vis			14.7	13.6
4	E	Mandula vis			14.5	15.6

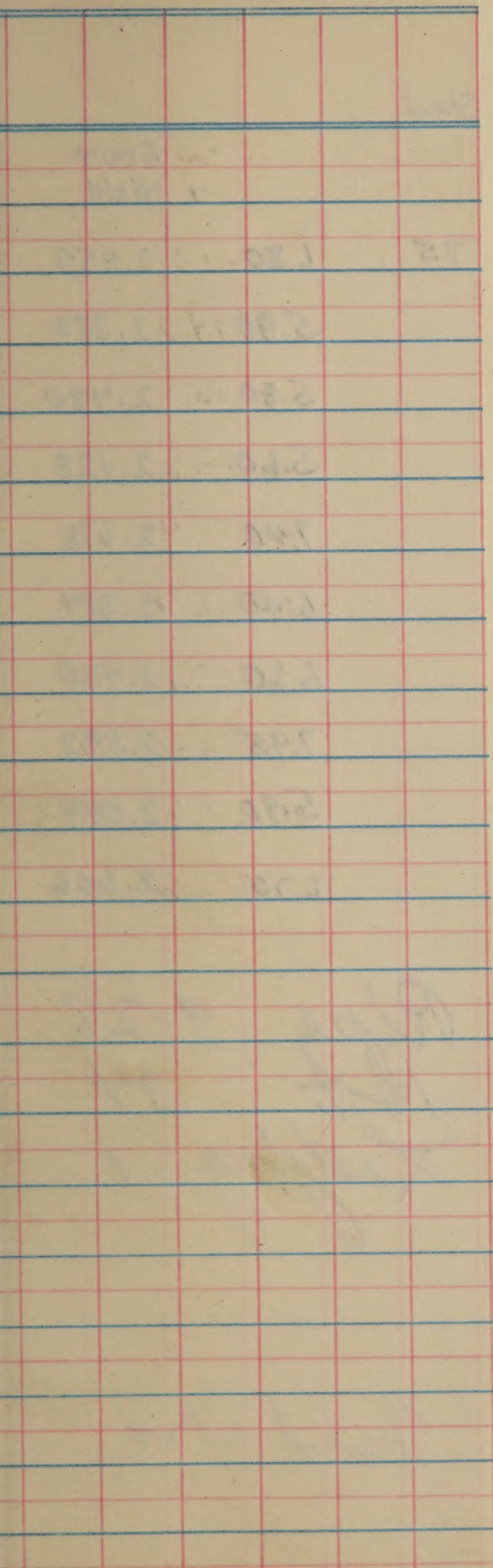
Date cut 8/18

Height 36"

Loading 2

Disease 1

Mower waste 1



Stand

Grain
yield

75	6.80	2.550
	5.90	2.382
	5.80	2.480
	5.60	2.128
	7.40	2.616
	6.40	2.384
	6.60	2.420
	7.95	2.592
	5.90	2.544
	6.70	2.606

Ripe 9-28

1st 34

Lodging 1

Threshed 10/20

10	A	18.1.13
11	A	18.1.13
12	B	18.1.13
13	B	18.1.13
14	C	18.1.13
15	C	18.1.13
16	D	18.1.13
17	D	18.1.13
18	E	18.1.13
19	E	18.1.13

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
10	A	manchu	7/7	P	13.6	13.2
36	A	manchu			13.5	14.0
16	B	manchu			14.1	15.7
42	B	manchu			13.4	14.8
21	C	manchu			14.1	15.4
47	C	manchu			14.8	16.4
26	D	manchu			14.0	17.1
52	D	manchu			16.4	15.5
31	E	manchu			14.5	14.8
5	E	manchu			15.0	15.3

Date cut 8/24

Height 36

Lodging 2

Disease 1

Mower waste 1



		Grain Yield
75	6.80	2.672
	6.60	2.472
	7.60	2.756
	7.30	2.938
	6.80	2.764
	6.50	2.492
	7.10	2.768
	7.90	3.060
	6.85	2.710
	7.40	2.796

Ripe 9-28
~~10/1~~ 38
 Lodging 3

threshd 10/20

Plot	Range	Variety	Date color		Row Row	
			Bloom	Bloom	1	4
11	A	Bl. Eyebrow	7/7	W	10.2	8.8
37	A	Bl. Eyebrow			8.1	7.2
17	B	Bl. Eyebrow			8.6	9.3
43	B	Bl. Eyebrow			9.1	7.9
22	C	Bl. Eyebrow			9.0	8.7
48	C	Bl. Eyebrow			9.1	12.7
27	D	Bl. Eyebrow			5.3	10.8
1	D	Bl. Eyebrow			11.2	10.1
32	E	Bl. Eyebrow			9.5	8.5
6	E	Bl. Eyebrow			9.4	8.8

Date cut 8/18"

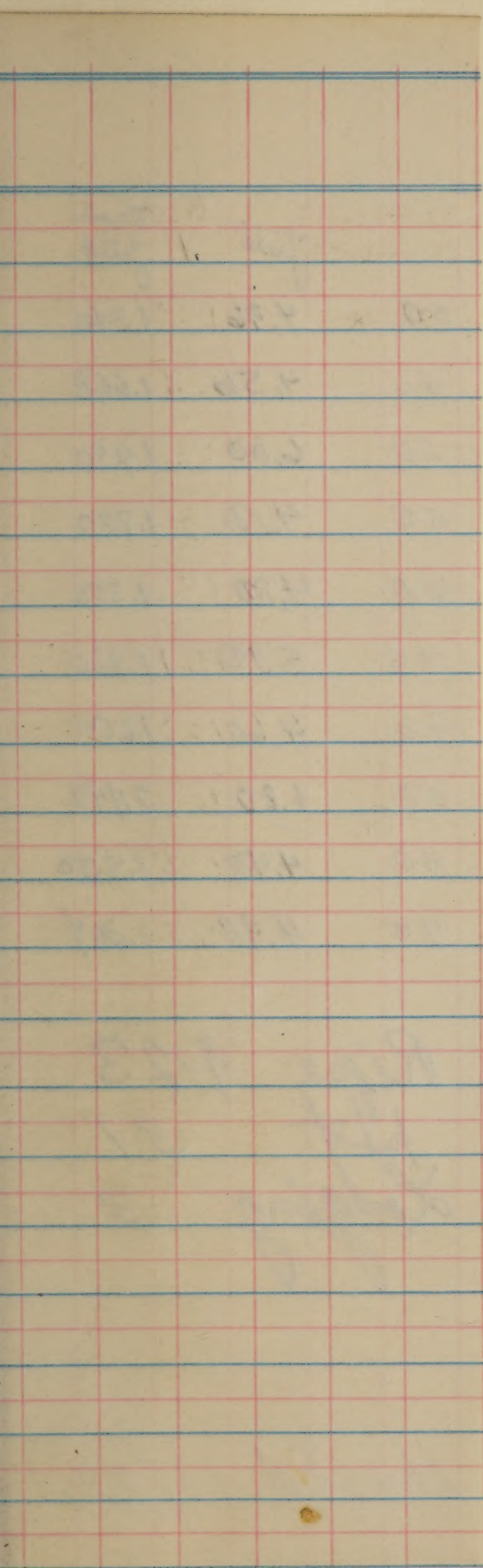
Height 33"

Lodging 4

Disease 4

Mower waste 3

Poor stand.



	Yield	Grain yield
50	4.96	1.340
40	4.56	1.668
50	6.00	1.950
45	4.12	1.720
40	4.80	1.552
45	5.90	1.860
40	4.60	1.650
50	6.80	2.442
40	4.48	1.550
45	4.90	1.304

Ripe 9-23
 Ht 31
 Lodging 3

Threshed 10/26

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
12	A	Wea	7/16	W	14.0	12.8
38	A	Wea			12.1	15.2
18	B	Wea		8' row on 4th stand	14.5	8.5
44	B	Wea		Poor stand	13.3	14.5
23	C	Wea			14.0	14.3
49	C	Wea			15.1	15.8
2	D	Wea			13.9	10.1
28	D	Wea		14' on 4'	10.0	13.5
33	E	Wea			14.9	14.8
7	E	Wea			11.2	15.5

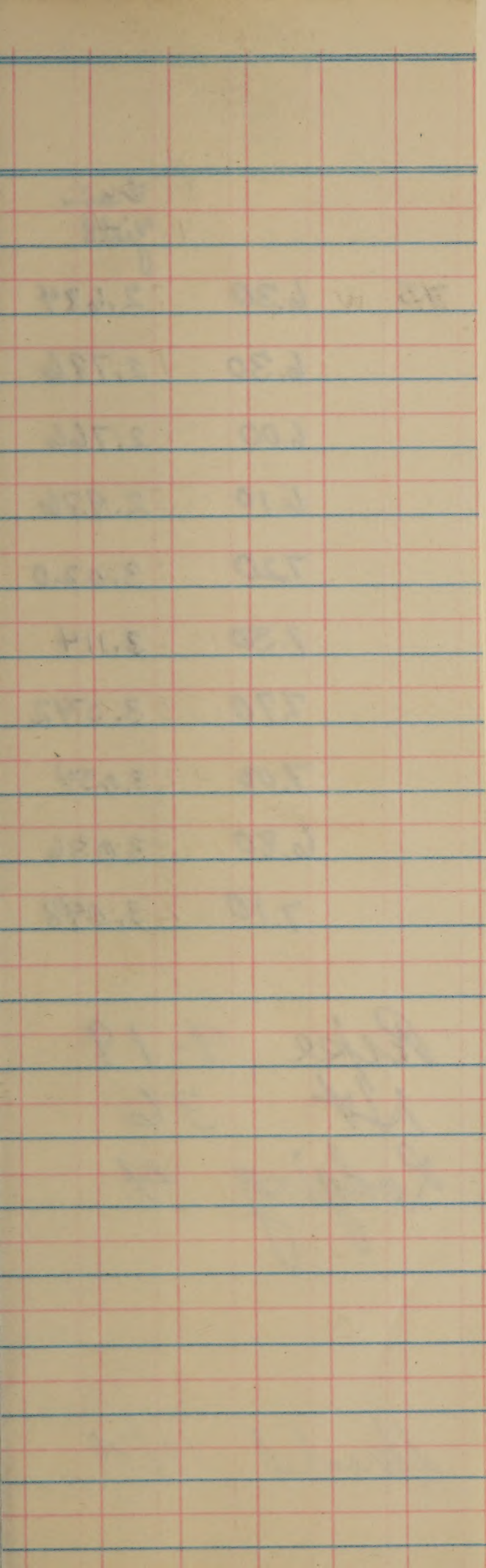
Date cut 8/24

Height 37"

Lodging 3

Disease 3

Mower waste 3



		Grain yield
75	6.30	2.684
	6.30	2.796
	6.00	2.766
	6.10	2.976
	7.20	3.020
	7.50	3.114
	7.70	3.542
	7.00	3.054
	6.80	3.036
	7.10	3.048

Ripe 9-19
 1st 36
 Lodging 4

Threshed 10/20

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
13	A	Aksarben	7/16	W	16.7	11.0
39	A	Aksarben			17.4	20.1
19	B	Aksarben			17.1	13.8
45	B	Aksarben			14.5	19.6
24	C	Aksarben			15.8	13.3
50	C	Aksarben			16.2	19.7
3	D	Aksarben			13.8	15.7
29	D	Aksarben			14.2	12.3
34	E	Aksarben			15.6	16.9
8	E	Aksarben			16.2	17.6

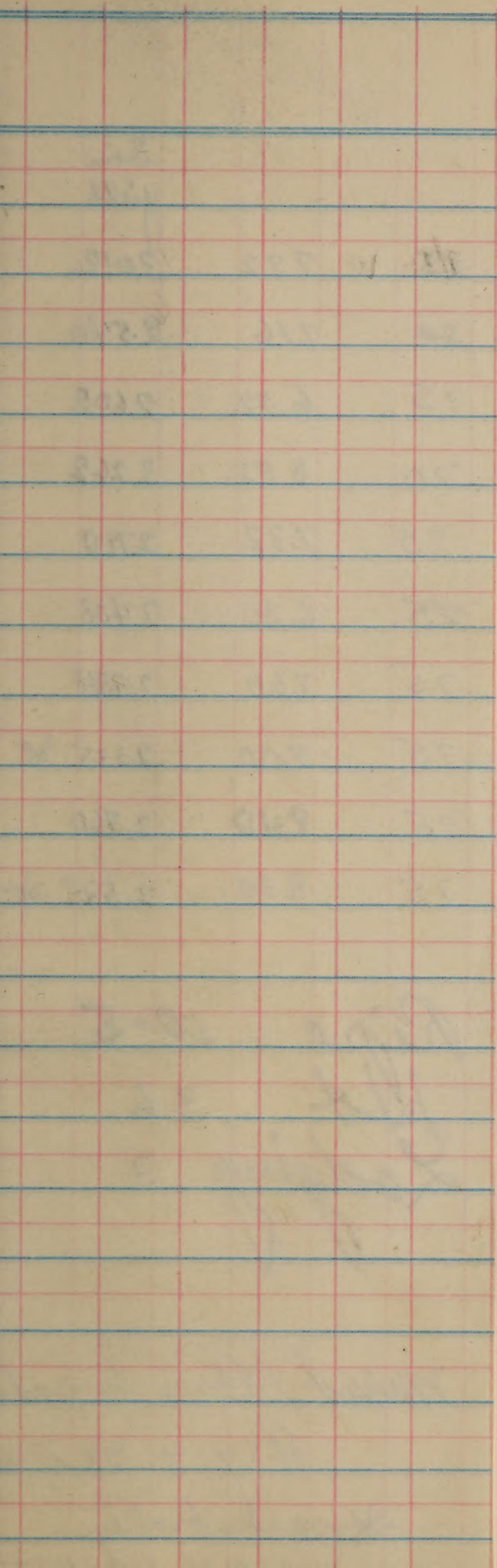
Date cut 9-8

Height 3' 4"

Lodging 5

Disease 2

Mower waste 3



		Grain yield
75	7.72	3.012
80	7.16	2.540
75	6.52	2.602
70	8.52	3.262
75	7.32	2.710
75	6.80	2.408
75	7.60	2.934
75	7.00	2.535 *
75	8.40	2.760
75	8.30	2.535 *

Ripe 10-5
 1st 36
 Lodging 3

Mixed ltr + h pods
 ltr + SY bean

* sacks broken -
 average of beans in

Plot	Range	Variety	Date	Color	Row	
			Bloom	Bloom	1	4
14	A	Hamilton	7/23	P	13.1	11.6
40	A	Hamilton			12.5	12.8
20	B	Hamilton			12.3	14.1
46	B	Hamilton			12.0	13.7
25	C	Hamilton			13.7	11.9
51	C	Hamilton			13.5	13.4
4	D	Hamilton			15.1	15.0
30	D	Hamilton			13.8	11.9
35	E	Hamilton			14.4	15.1
9	E	Hamilton			16.1	15.3

Date cut 9-18

Height 35"

Lodging 8

Disease 2

Mower waste 4

Year	Month	Day	Time	Location	Remarks
1912	Jan	1	10:00	St. Paul	Arrived
1912	Jan	2	10:00	St. Paul	Arrived
1912	Jan	3	10:00	St. Paul	Arrived
1912	Jan	4	10:00	St. Paul	Arrived
1912	Jan	5	10:00	St. Paul	Arrived
1912	Jan	6	10:00	St. Paul	Arrived
1912	Jan	7	10:00	St. Paul	Arrived
1912	Jan	8	10:00	St. Paul	Arrived
1912	Jan	9	10:00	St. Paul	Arrived
1912	Jan	10	10:00	St. Paul	Arrived
1912	Jan	11	10:00	St. Paul	Arrived
1912	Jan	12	10:00	St. Paul	Arrived
1912	Jan	13	10:00	St. Paul	Arrived
1912	Jan	14	10:00	St. Paul	Arrived
1912	Jan	15	10:00	St. Paul	Arrived
1912	Jan	16	10:00	St. Paul	Arrived
1912	Jan	17	10:00	St. Paul	Arrived
1912	Jan	18	10:00	St. Paul	Arrived
1912	Jan	19	10:00	St. Paul	Arrived
1912	Jan	20	10:00	St. Paul	Arrived
1912	Jan	21	10:00	St. Paul	Arrived
1912	Jan	22	10:00	St. Paul	Arrived
1912	Jan	23	10:00	St. Paul	Arrived
1912	Jan	24	10:00	St. Paul	Arrived
1912	Jan	25	10:00	St. Paul	Arrived
1912	Jan	26	10:00	St. Paul	Arrived
1912	Jan	27	10:00	St. Paul	Arrived
1912	Jan	28	10:00	St. Paul	Arrived
1912	Jan	29	10:00	St. Paul	Arrived
1912	Jan	30	10:00	St. Paul	Arrived
1912	Jan	31	10:00	St. Paul	Arrived

Stand		Grain Yield
75	5.56	2.230
80	6.88	2.560
80	6.96	2.634
80	7.24	2.636
75	6.08	2.456
75	7.00	2.646
75	7.50	2.968
75	6.60	2.540
80	7.48	2.840
70	7.40	2.904

Ripe 10-7
~~RA~~ 24
 Lodging 3

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
15	A	Dumfield	7/17	W	15.1	15.3
41	A	Dumfield			17.3	15.5
21	B	Dumfield			14.2	17.8
47	B	Dumfield			18.6	16.9
26	C	Dumfield			13.7	16.0
52	C	Dumfield			16.9	16.3
31	D	Dumfield			13.1	14.9
5	D	Dumfield			17.4	14.7
36	E	Dumfield			15.5	15.2
10	E	Dumfield			17.7	13.6

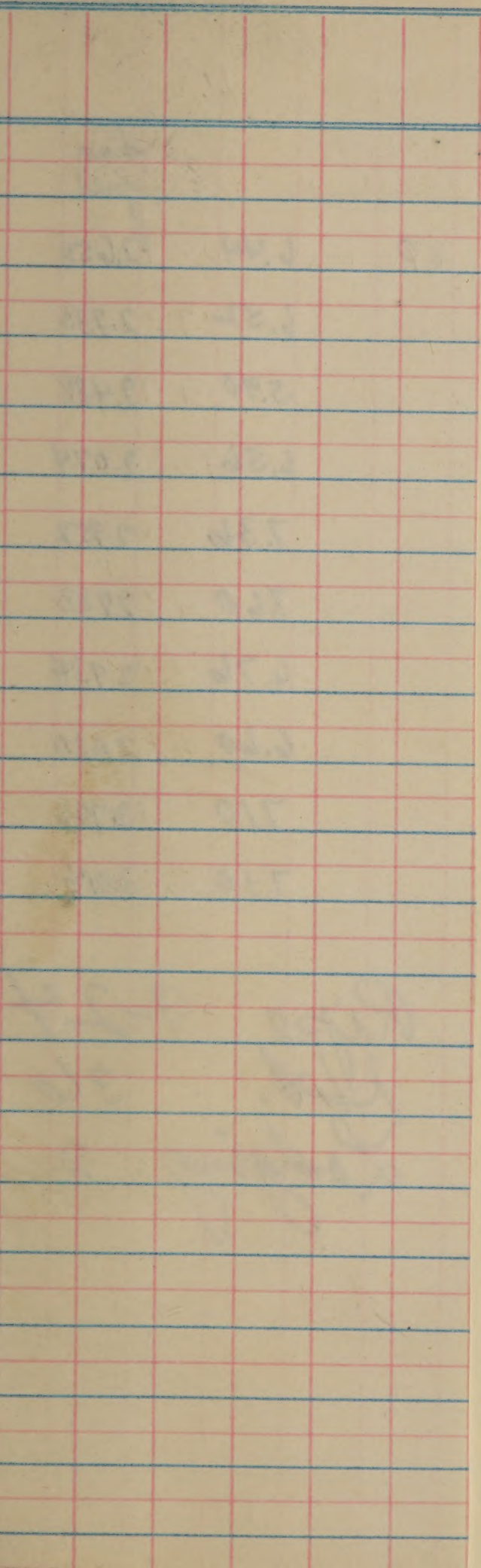
Date cut 9-8

Height 40"

Lodging 6

Disease 2

Mower waste 2

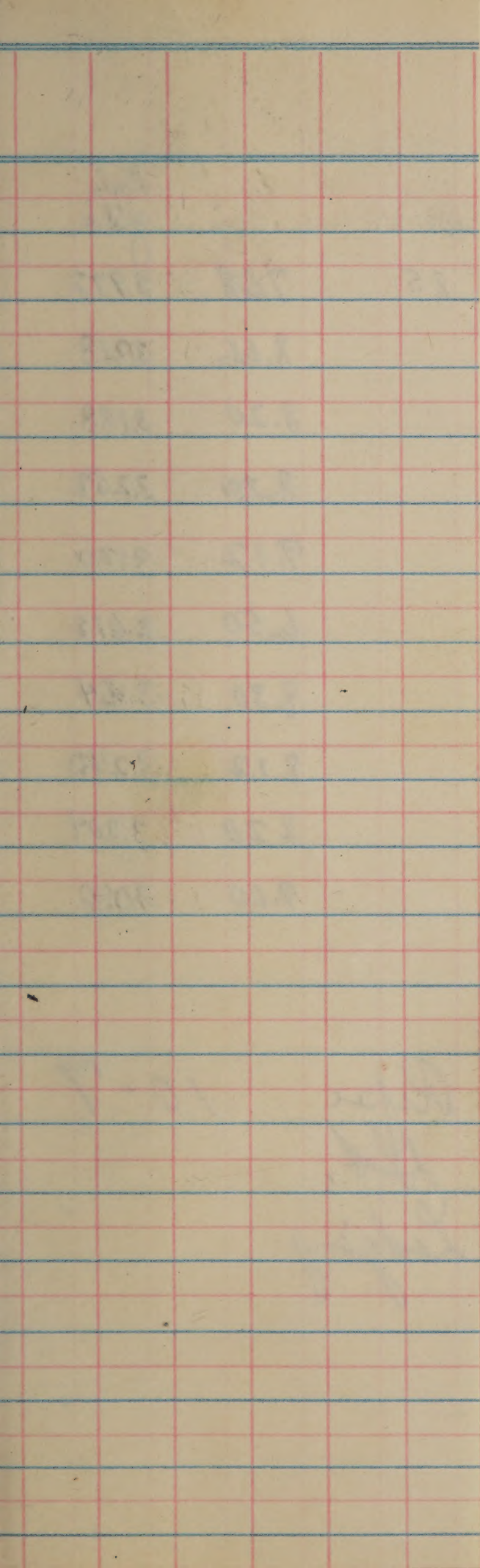


		Grain yield
80	6.44	2.658
	6.52	2.730
	5.90	2.488
	6.56	2.074
	7.36	2.952
	7.60	2.988
	6.76	2.734
	6.60	2.620
	7.10	2.796
	7.10	3.014

Ripe 9-24
 H.A. 36
 Lodging 2

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
16	A	Mansory	7/17	P	18.4	17.9
42	A	Mansory			18.3	20.2
22	B	Mansory			16.9	21.4
48	B	Mansory			18.8	21.0
1	C	Mansory			20.6	20.9
27	C	Mansory			21.3	21.5
6	D	Mansory			18.0	20.9
32	D	Mansory			16.6	20.5
37	E	Mansory			18.1	17.5
11	E	Mansory			21.9	19.9

Date cut 9-9
 Height 40"
 Lodging 4
 Disease 1
 Mower waste 2



		Grain yield
85	7.68	3.972
	8.66	3.218
	8.20	3.188
	8.20	3.252
	9.12	3.580
	6.50	2.612
	8.30	3.464
	8.12	3.240
	8.20	3.204
	9.00	3.080

Ripe 10-7
 H.A.
 Lodging

Plot	Range	Variety	Date	Color	Row	
			Bloom	Bloom	1	4
17	A	Harbinsey	7/23	W	15.9	15.6
43	A	Harbinsey			12.8	12.4
23	B	Harbinsey		Pomest	15.3	15.7
49	B	Harbinsey			15.0	14.4
2	C	Harbinsey			15.7	15.4
28	C	Harbinsey		Pomest	13.8	17.4
7	D	Harbinsey			12.9	16.5
33	D	Harbinsey			15.6	17.2
38	E	Harbinsey			12.7	11.9
12	E	Harbinsey			16.0	16.5

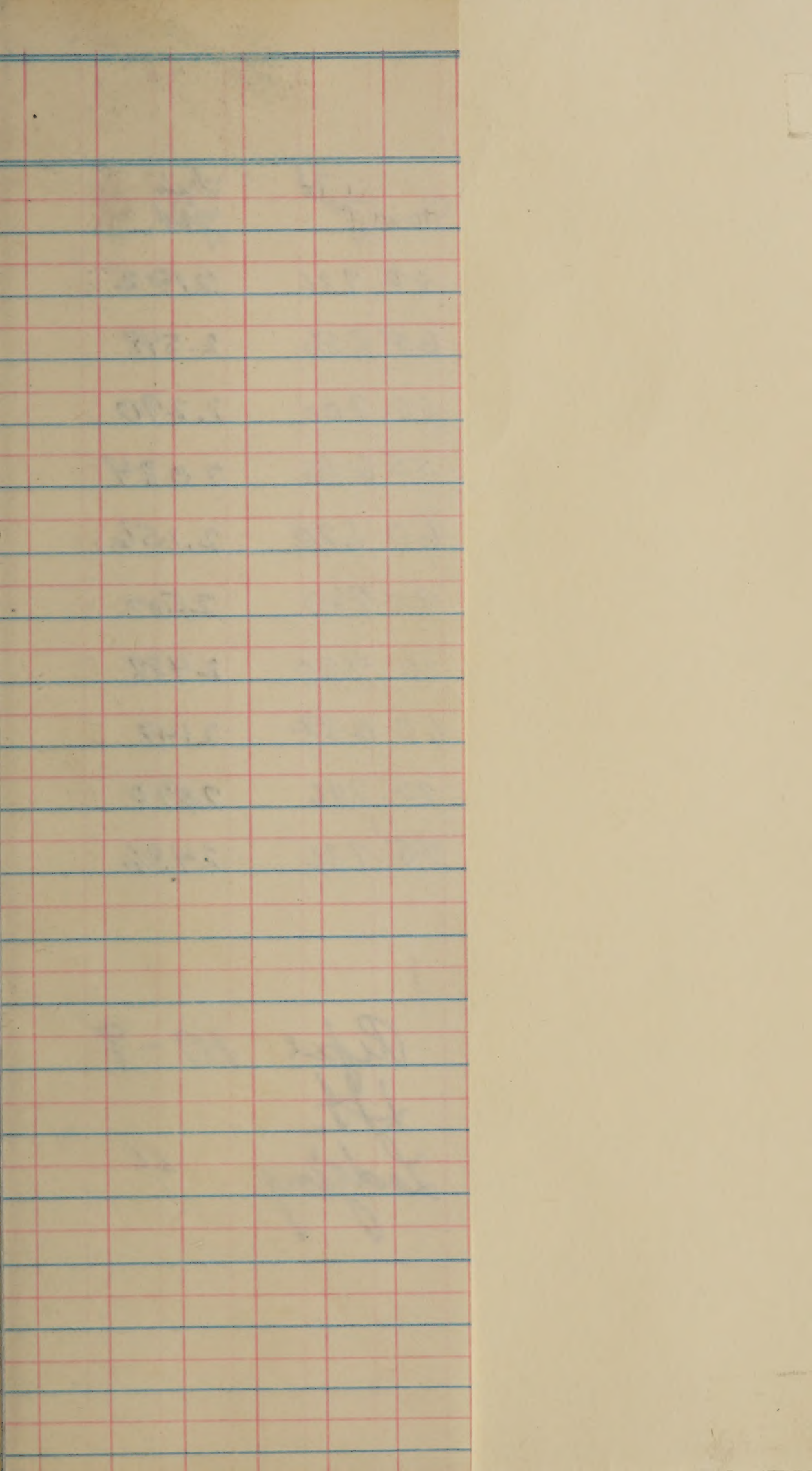
Date cut 9-9

Height 5.5

Lodging 7

Disease 3

Mower waste 4



Stand	yield	Grain yield
80	7.36	2192
65	8.56	2.548
65	7.00	2.290
55	6.16	2.084
60	6.20	2.156
75	7.80	2.500
80	7.60	2.488
60	6.32	2.148
75	7.46	2.570
75	7.36	2.436

Ripe 10-9

Lt.

Lodging 4

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
18	A	Illini	7/16	W	16.1	16.2
44	A	Illini			15.3	17.0
24	B	Illini			18.1	19.0
50	B	Illini			18.1	18.0
3	C	Illini			17.6	16.6
29	C	Illini			15.4	15.4
8	D	Illini			16.7	19.0
34	D	Illini			15.5	16.5
13	E	Illini			19.5	19.1
39	E	Illini			18.0	18.5

Date cut 9-9
 Height 40
 Lodging 5
 Disease 4
 Mower waste 3

cut 2 rows 3, 4,

		Grain yield
75	6.56	2.704
85	7.68	3.132
80	6.68	2.858
75	6.96	3.020
75	7.16	3.136
80	6.84	2.876
85	7.00	2.884
85	7.04	3.016
85	7.84	3.068
85	7.70	3.216

Ripe 9-30

Ht 39

Lodging 2

Plot	Range	Variety	Date	color	Row
			Bloom	Bloom	
19	A	Hoosier	7/16	P	12.3 12.7
45	A	Hoosier	Pomeland		13.9 15.5
25	B	Hoosier			10.7 10.3
51	B	Hoosier			14.1 17.0
4	C	Hoosier			11.8 12.1
30	C	Hoosier			14.1 15.3
9	D	Hoosier			14.4 18.1
35	D	Hoosier			13.8 16.6
14	E	Hoosier			14.3 12.5
40	E	Hoosier			12.4 12.2

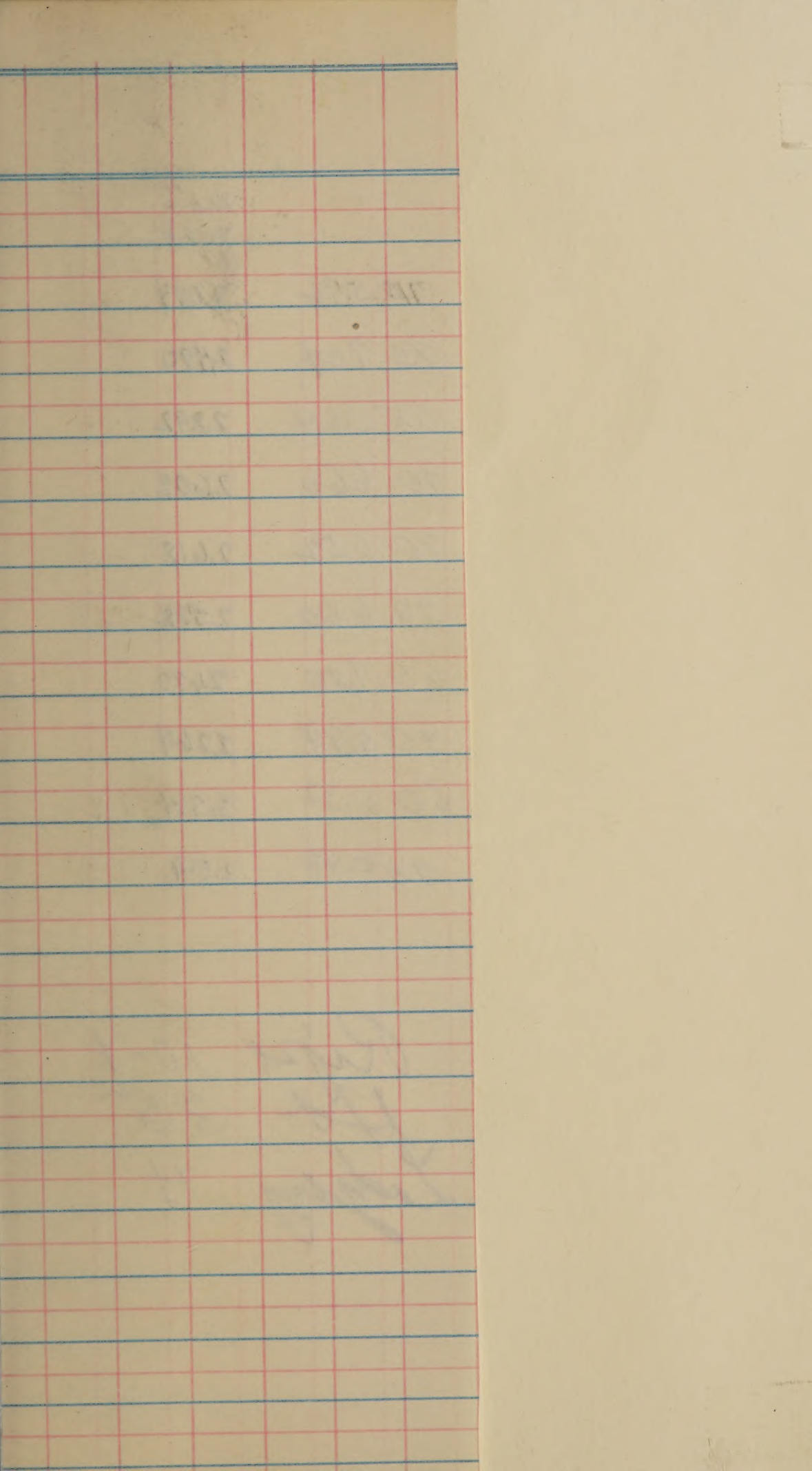
Date cut 9-9

Height 36"

Lodging 6

Disease 4

Mower waste 3



Grain
yield

70 5.76	2.074
75 7.04	2.490
55 5.64	2.292
70 6.60	2.602
70 6.52	2.618
70 6.60	2.532
65 7.20	2.670
70 5.84	2.264
60 6.32	2.504
70 6.48	2.546

Ripe 10-1
LH 35
Lodging 4

Plot	Range	Variety	Date	Color	Row
			Bloom	Bloom	
20	A	Midwest	8/15	P	14.8 12.5
46	A	Midwest			12.8 10.3
26	B	Midwest			15.2 13.1
52	B	Midwest			13.9 12.0
5	C	Midwest			11.5 13.3
31	C	Midwest			10.7 9.7
10	D	Midwest			15.3 13.4
36	D	Midwest			14.5 12.0
15	E	Midwest			13.2 10.9
41	E	Midwest			12.3 12.5

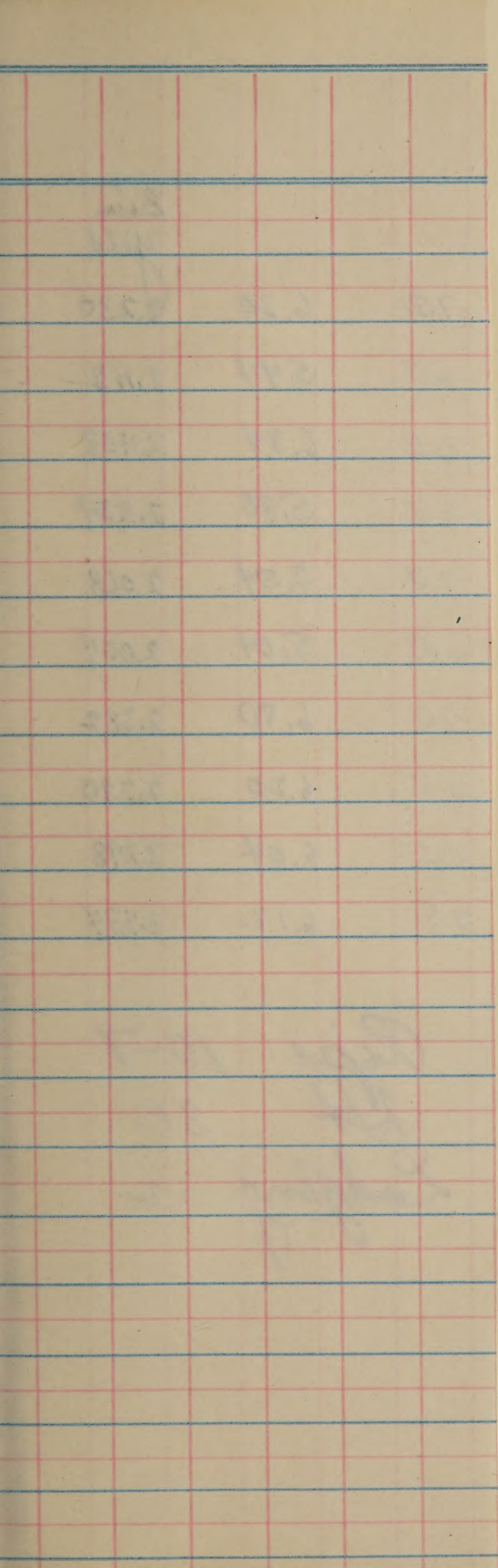
Date cut 9-18

Height 32"

Lodging 5

Disease 2

Mower waste 2



		Grain Yield
75	6.20	2.230
60	5.44	2.112
65	6.84	2.438
65	5.80	2.234
70	5.54	2.068
60	5.04	2.004
70	6.80	2.382
65	6.20	2.230
65	6.04	2.298
75	6.12	2.434

Ripe 10-7
 Lt 30
 Lodging 2

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
21	A	Ebony	8/17	P	15.3	15.1
47	A	Ebony			17.1	15.3
1	B	Ebony			17.1	15.3
27	B	Ebony			15.2	16.0
6	C	Ebony			15.0	15.0
32	C	Ebony			13.7	12.8
11	D	Ebony			19.0	15.7
37	D	Ebony			15.4	13.4
16	E	Ebony			18.3	16.0
42	E	Ebony			17.4	19.6

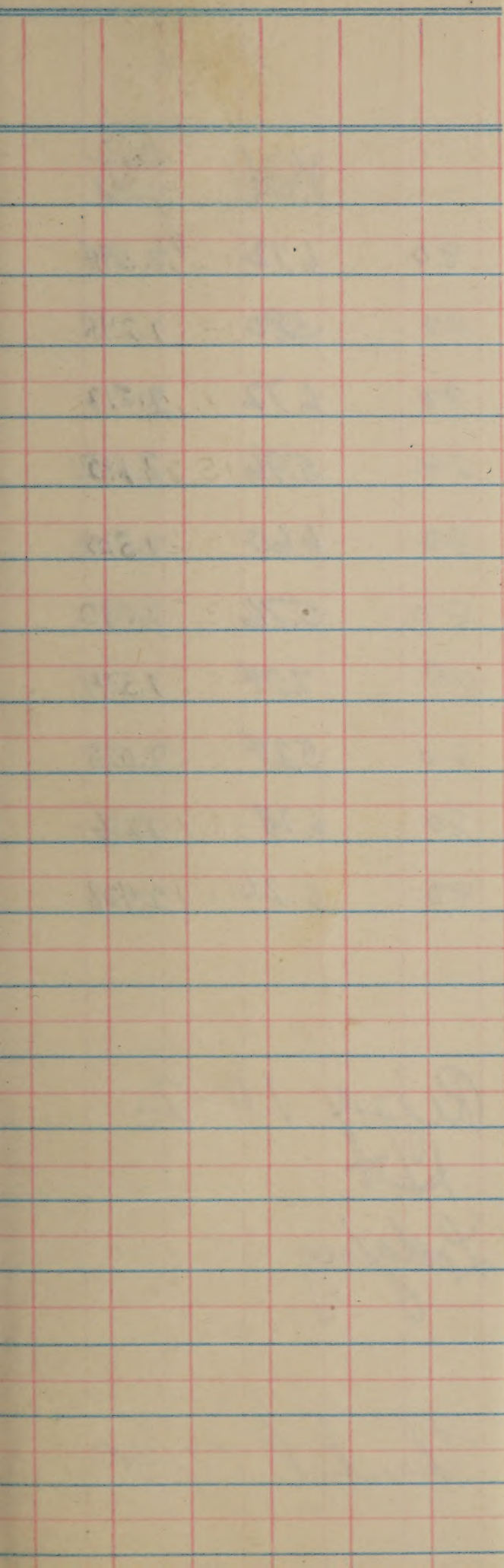
Date cut 9-11

Height 31

Lodging 7

Disease 2

Mower waste 4



	Yield	Grain yield
80	6.12	2.094
80	5.80	2.248
80	6.72	2.512
80	5.96	2.132
80	6.60	2.308
80	5.76	2.080
80	7.04	2.334
80	5.24	2.028
80	6.28	2.236
80	6.26	2.428

Ripe 10-2

11/1

Lodging

Threshed 10/28

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
22	A	merko	Pods		15.2	12.9
48	A	merko			14.5	12.2
2	B	merko			12.6	11.9
28	B	merko			15.5	13.0
7	C	merko			14.6	13.4
33	C	merko	Row 4 - very poor stand		13.7	8.9
12	D	merko			15.3	11.6
38	D	merko			12.5	11.8
17	E	merko			12.0	11.2
43	E	merko			12.9	12.1

Date cut

9-11

Height

48

Lodging

8

Disease

2

Mower waste

5

Stand	Yield	Grain Yield
65	7.04	2.118
65	6.52	2.262 *
65	5.92	2.178
65	7.80	2.262 *
70	6.46	2.240
65	4.88	1.814
65	6.80	2.026
65	6.28	2.088
65	6.52	2.136
60	7.66	2.262 *

Ripe 10-4
 Ht
 Lodging 6

Harvested 10/28

* sack broken
 in bag - av. of three
 broken bags.

Plot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
23	A	Peking	8/12	W	16.2	17.1
49	A	Peking			18.2	14.3
3	B	Peking			15.4	15.1
29	B	Peking			15.5	16.8
8	C	Peking			17.2	14.1
34	C	Peking			15.6	14.4
13	D	Peking			18.1	18.1
39	D	Peking			17.1	17.1
18	E	Peking			18.7	16.1
44	E	Peking			18.1	15.5

Date cut 9-18
 Height 37"
 Lodging 1
 Disease 1
 Mower waste 1

Stand		Grain yield
80	7.10	2.270
80	7.30	2.444
80	7.04	2.454
80	7.20	2.436
80	6.90	2.214
75	6.64	2.136
80	8.10	2.628
80	7.16	2.298
80	7.30	2.416
80	7.30	2.396

Ripe 10-4
Ht

Lodging 0

Plot	Range	Variety	Date color		Row
			Bloom	Bloom	
24	A	Lexington	8/12	w	14.8 / 12.4
50	A	Lexington			14.2 / 13.8
4	B	Lexington			13.8 / 13.4
30	B	Lexington			15.9 / 13.5
9	C	Lexington			15.4 / 13.0
35	C	Lexington			11.5 / 10.5
14	D	Lexington			13.9 / 12.4
40	D	Lexington			14.5 / 11.2
19	E	Lexington			13.9 / 13.5
45	E	Lexington			16.0 / 15.5

Date cut 9-18

Height 32

Lodging 5

Disease 3

Mower waste 4

		Grain yield
80	5.50	1.932
80	6.50	1.899
80	6.00	1.900
75	6.10	1.834
80	6.40	2.016
75	5.62	1.750
75	6.50	1.940
75	6.40	1.918
75	5.50	1.632
80	6.66	1.924

Ripe 10-10
 Ht 33
 Lodging 1

Threshed 1 1/2

P/ot	Range	Variety	Date color		Row	
			Bloom	Bloom	1	4
25	A	Wilson-5	Pods		10.3	10.5
51	A	Wilson-5			13.0	13.8
5	B	Wilson-5			11.8	12.8
31	B	Wilson-5			12.3	12.3
10	C	Wilson-5			15.3	15.0
36	C	Wilson-5			14.4	12.7
15	D	Wilson-5		Row 1 - 15' long	11.7	14.5
41	D	Wilson-5			14.5	13.3
20	E	Wilson-5			11.4	13.9
46	E	Wilson-5			13.6	14.1

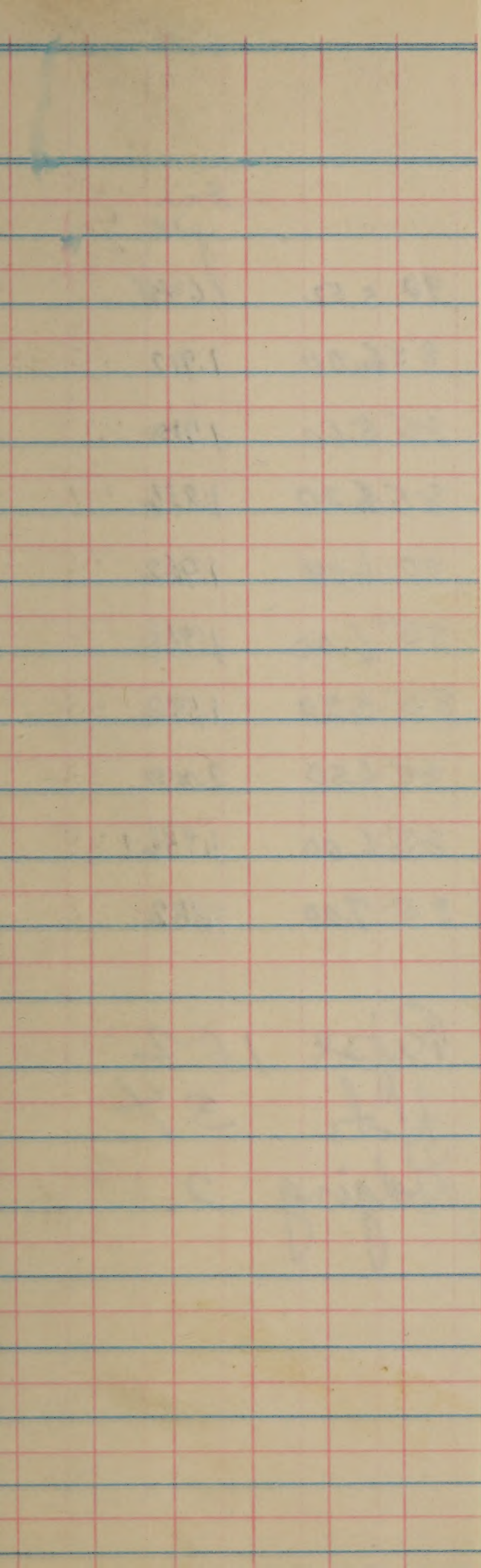
Date cut 9-11

Height 42"

Lodging 7

Disease 3

Mower waste 4



Grain
yield

90	5.52	1.644
85	6.00	1.912
85	5.60	1.810
85	6.20	1.836
80	6.04	1.962
85	6.00	1.766
85	5.20	1.552
85	6.50	2.000
85	6.00	1.736
85	7.00	1.882

Rice 10-2
Ht. 34
Lodging 2

Plot	Range	Variety	Date color		Row
			Bloom	Bloom	
26	A	Virginia	Pink		11.7 / 15.3
52	A	Virginia			15.4 / 12.7
6	B	Virginia			12.7 / 13.3
32	B	Virginia			12.9 / 14.1
11	C	Virginia			15.4 / 12.9
37	C	Virginia			14.6 / 14.5
16	D	Virginia			13.5 / 14.6
42	D	Virginia			16.1 / 17.2
21	E	Virginia			14.1 / 13.5
47	E	Virginia			16.0 / 16.8

Date cut 9-11
 Height 48"
 Lodging 8
 Disease 2
 Mower waste 4

66 - Row 5 - 14.6
 52 a - Row 5 - 12.1
 47 e - Row 5 - 18.3
 26 A - Row 5 - 14.9 green
 32 B - " " - 12.6
 37 c - " " - 14.0
 42 d - " " - 16.9

11C - Row 5 - 14.5

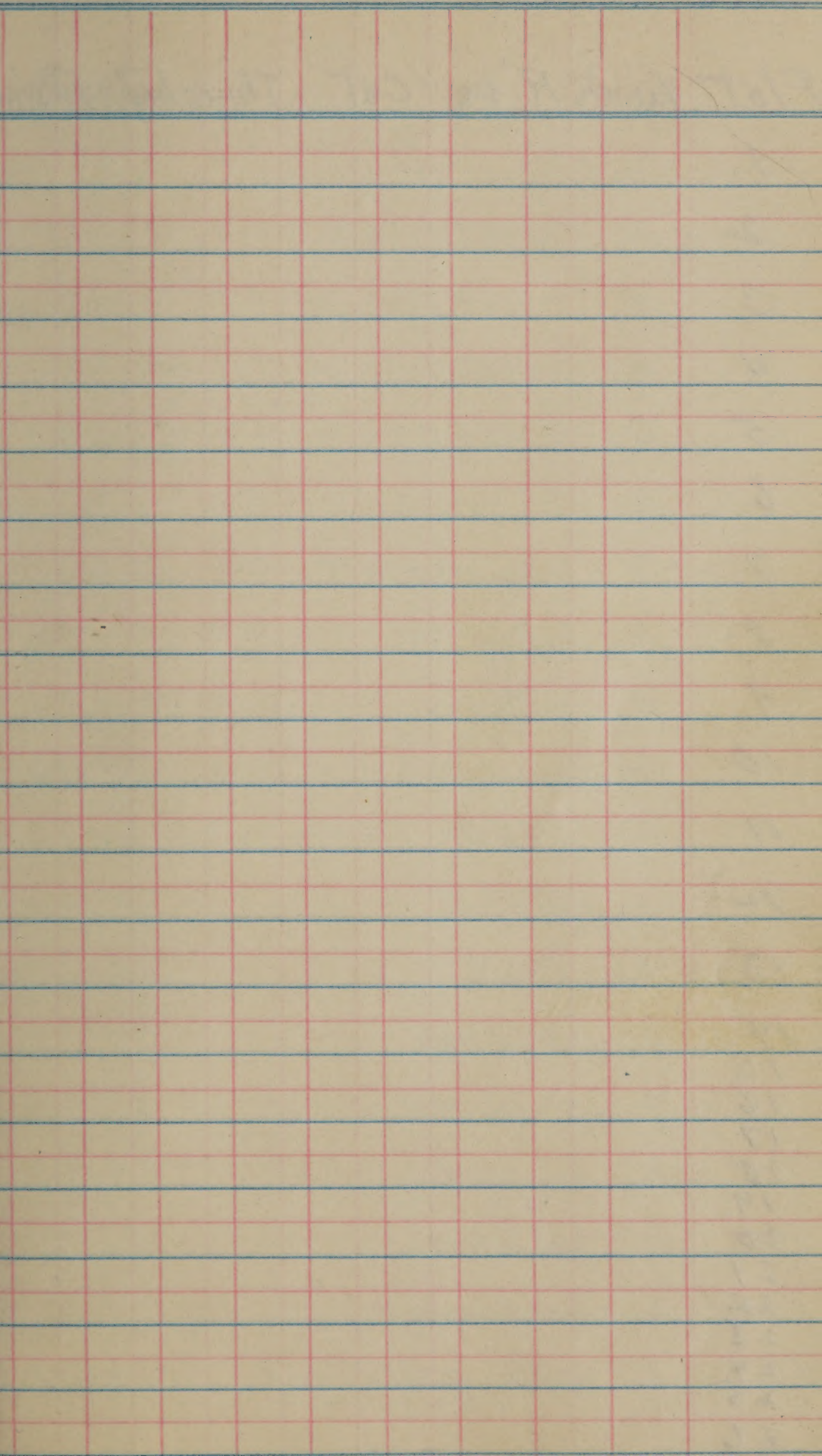
16d - " - 14.2

21e - " - 15.8

		Grain yield
75	5.84	2.056
75	6.54	2.384
75	6.12	2.180
75	6.66	2.444
75	7.20	2.396
80	5.98	2.164
75	6.00	2.148
75	6.66	2.368
75	6.98	2.484
75	7.50	2.530

Ripe 10-10
 1/4 45
 Lodging 7

threshed 11/4/37



Plot	Variety	Ripe	Cut	Threshed	Fanned
------	---------	------	-----	----------	--------

1					
---	--	--	--	--	--

2					
---	--	--	--	--	--

3					
---	--	--	--	--	--

4					
---	--	--	--	--	--

5					
---	--	--	--	--	--

6					
---	--	--	--	--	--

7					
---	--	--	--	--	--

8					
---	--	--	--	--	--

9					
---	--	--	--	--	--

10					
----	--	--	--	--	--

11					
----	--	--	--	--	--

12					
----	--	--	--	--	--

13					
----	--	--	--	--	--

14					
----	--	--	--	--	--

15					
----	--	--	--	--	--

16					
----	--	--	--	--	--

17					
----	--	--	--	--	--

18					
----	--	--	--	--	--

19					
----	--	--	--	--	--

20					
----	--	--	--	--	--

21					
----	--	--	--	--	--

22					
----	--	--	--	--	--

23					
----	--	--	--	--	--

24					
----	--	--	--	--	--

25					
----	--	--	--	--	--

26					
----	--	--	--	--	--

90water

8 Rod Row 1931

Plot	Range	Variety	date Bloom	color Bloom	Date Cut	Lodging Ht	Stand
1	A	70462-17/16	P		9-9	4 40	80
2	A	03619-A/23	W		9-9	7 35	80
3	A	54615-37/10	W		9-11	4 38	75
4	A	57334-C7/14	P		9-10	8 42	75
5	A	653387/14	P		8/22	3 32"	80
6	A	Manchu 19247/14	P		8/31	3 36"	80
7	A	Peking 2313			9-18	1 33"	85
8	A	Wilson 2120			9-10	8 43'	80
9	A	Manchuria 24007/10	P		8/31	6 32"	80
10	A	68508					85
11	A	47926					75
12	A	54616-4					80
13	A	54617-140					85
14	A	2th Sam 2103					80
15	A	Wings jet					80
16	A	Wilson 2102					80
17	A	Manchuria 20173					80
18	A	Manchuria 240267/8	P				75

Hay Yields

Row

1 4

19.6 21.2

16.2 18.6

15.6 17.6

14.8 10.2

*

11.5 14.3

14.7 15.6

14.2 14.3

13.7 12.8

14.9 15.9

14.8 16.4

15.1 16.1

14.5 15.5

15.3 13.8

17.9 17.2

16.7 18.4

15.6 13.7

18.0 16.0

15.4 14.3

Ripe	Total Yield
------	----------------

10-3	7.96
------	------

10-10	8.20
-------	------

10-7	8.24
------	------

10-7	8.90
------	------

9-19	6.90
------	------

9-22	8.10
------	------

10-1	6.10
------	------

10-10	7.70
-------	------

10-2	9.30
------	------

	7.20
--	------

	6.72
--	------

	9.08
--	------

	8.80
--	------

	8.04
--	------

	8.84
--	------

	6.88
--	------

	8.92
--	------

	7.88
--	------

Grain
yield

2.866

Promissory note

2.876

2.592

2.452

2.876

2.804

1.962

2.502

2.500

2.954

2.594

2.346

2.058

2.936

2.320

2.320

3.408

2.612

Plot	Range	Variety	Stand	Blooming Date	Cut	Laying	HT
1	B	68663-3	75	7/17	W	8/31	5 46
2	B	03654-A	75	7/17	W	8/22	5 36"
3	B	54615-7	80	7/17	P	8/25	3 35"
4	B	60279	85	7/17	W	8/22	5 34"
5	B	65345	80	7/17	P	8/22	5 40"
6	B	Illini 1604	75	7/17	W	8/25	5 38"
7	B	Peking 2304	85			9-18	0 33"
8	B	Virginia 2103	75			9-11	7 43
9	B	Manchurian 24016	⁸⁰	7/17	P	8/25	6 38"
10	B	68461-1	80				
11	B	54604-1	70				
12	B	54619-51	70				
13	B	Iwa	80				
14	B	March 2206	⁷⁵				
15	B	Manchurian 13177	⁸⁰				
16	B	Wilson 2149	80				
17	B	Manchurian 24002	⁷⁵				
18	B	Detmer #140					

Row
1 4

18.5/18.1

14.1/13.9

14.9/15.0

16.6/16.8

14.0/14.1

13.9/16.3

15.1/16.2

17.4/13.4

17.1/16.8

19.3/19.8

13.4/13.7

15.2/14.5

15.6/13.5

18.4/17.4

17.6/18.6

14.9/15.0

14.8/16.0

10.0/12.9

total
Ryso 11/18/6

9-30 9.00

9-22 7.20

9-20 7.30

9-24 7.15

9-22 7.50

10-3 8.80

10-1 6.10

10-1 9.20

9-24 7.72

8.88

6.36

7.48

8.18

8.32

8.14

7.02

8.60

9.08

2.434

2.814

2.794

2.566

2.452

2.280

1.816

2.266

2.880

3.080

2.658

2.554

2.710

2.548

3.038

2.296

2.820

1.370

Plot	Range	Variety	Stand	Blooming	Date	Lodging	Ht
1	C	68508	75	7/14 W	8/25	4	32
2	C	47926	75	7/8 W	8/25	3	35
3	C	54616-4	80	7/14 P	8/31	5	37
4	C	54617-110	85	7/14 W	8/22	6	32"
5	C	2to San 2103	⁷⁵	7/17 P	9-11	4	36"
6	C	Wingo Jt	85	7/23 W	9-11	6	40
7	C	Wilson 2102	80		9-11	6	42
8	C	Manchuria 20173	⁷⁵	7/17 P	8/31	6	32
9	C	Manchuria 24026	⁷⁵	7/17 P	8/25	4	36
10	C	68806	75				
11	C	54608	80				
12	C	54818	75				
13	C	50523-E	80				
14	C	Manchu 2204	⁷⁵				
15	C	Peking 2312	⁸⁵				
16	C	Wilson 2129	80				
17	C	Manchuria 24005	⁷⁵				
18	C	Hamilton	80				

Row
1 4

17.4 17.6

15.6 15.1

15.8 17.8

17.4 16.4

18.5 17.4

16.5 18.9

15.5 12.6

18.2 15.9

15.7 16.0

16.9 16.3

16.1 15.4

14.4 16.5

13.6 15.4

15.4 15.7

15.8 14.3

14.9 14.0

12.1 12.4

14.4 16.3

Ripe

9-22 7.40

9-22 7.48

9-24 8.64

9-30 9.40

10-3 7.96

10-10 7.92

9-24 7.26

9-24 8.26

9-24 6.86

8.00

7.90

6.80

7.64

7.64

5.30

6.60

7.64

7.28

Back
broken

2.956

2.658

2.450

2.800

2.300

2.484

3.220

2.694

2.914

2.900

2.692

1.934

2.804

1.538

2.218

2.758

2.100

P/ot	Range	Variety	Stand	Blooming Date	Cut	Lodging	Height
1	D	68461-1	80	7/23	P	9-11	6 43
2	D	54604-1	75	7/17	P	8/25	2 25
3	D	54619-51	75	7/17	W	8/25	4 34
4	D	Iwa	80	7/17	W	8/25	5 38
5	D	Manchu 2206	75	7/17	P	8/31	4 39
6	D	Manchuria 13177	⁸⁰	7/17	P	8/31	7 34
7	D	Wilson 2149	85			9-11	7 45
8	D	Manchuria 24002	⁸⁰	7/17	P	8/31	4 34
9	D	Detmer ^{ff} 170	70	7/17	P	8/25	6 31
10	D	70462-1	80				
11	D	03619-A	80			Row 3 + 4 Friday	
12	D	54615-3	80				
13	D	57334-C	85				
14	D	65338	80				
15	D	Manchu 1924	80				
16	D	Peking 2313	⁸⁵				
17	D	Wilson 2120	85				
18	D	Manchuria 24007	⁸⁰				

Row

1 4

19.6 18.1

15.6 14.0

15.6 13.4

18.1 16.9

18.2 17.8

17.5 20.5

18.0 17.4

16.6 16.5

11.0 11.9

22.0 20.6

19.6 17.8

18.4 19.2

18.2 14.9

17.1 16.9

16.3 18.4

16.9 16.5

18.3 17.1

18.2 19.6

Pyre	Total Yield
------	----------------

10-7	8.78
------	------

9-19	6.80
------	------

9-22	8.76
------	------

9-22	8.64
------	------

9-22	9.96
-----------------	------

9-24	9.50
------	------

9-28	7.40
------	------

9-28	8.20
------	------

10-10	6.84
-------	------

	8.04
--	------

	8.80
--	------

	9.60
--	------

	9.10
--	------

	7.20
--	------

	8.20
--	------

	6.75
--	------

	9.30
--	------

	9.60
--	------

sack broken total of 1 d and 1 c = 5.840

2.876

3.106

2.490

2.772

2.808

2.100

3.142

1.492

2.560

2.924

2.764

3.106

2.800

2.768

2.008

2.620

2.974

Plot	Range	Variety	Stand	Blooming	Date	Nodes	Height
					cut	ing	
1	E	68806	75	7/17 P	9-11	6	37
2	E	54608	80	7/17 W	8/22	3	36
3	E	54818	80	7/17 W	8/25	4	35
4	E	50523-E	85	7/17 P	8/25	5	37
5	E	Manchu 2204	75	7/17 P	9-10	7	38
6	E	Peking 2312	80		9-18	1	35"
7	E	Wilson 2129	80		9-11	7	41
8	E	Manchu 24005	75	7/17 P	9-10	7	31"
9	E	Hamilton	80		9-11	4	32
10	E	68663-3	75				
11	E	03654-A	75				
12	E	54615-7	75				
13	E	60279	80				
14	E	65345	75				
15	E	Illini 1210	75				
16	E	Peking 2304	80				
17	E	Virginia 2103	80				
18	E	Manchu 24016	75				

Row
1 4

14.0 16.8

15.8 16.7

15.0 15.5

15.7 15.0

16.2 18.2

14.3 15.0

16.4 16.0

13.5 13.6

14.3 15.2

20.0 18.0

13.3 14.4

15.3 16.4

16.4 14.8

14.9 16.0

15.3 17.5

17.7 15.9

17.5 16.5

16.0 17.4

Rupe 11/1

9-30 7.80

9-28 8.04

9-22 7.44

9-28 7.80

9-22 7.92

10-3 5.80

9-28 7.20

9-28 7.84

10-7 7.80

8.20

6.60

7.76

7.08

6.38

8.04

7.20

10.4

8.80

2.812

3.096

2.896

2.096

3.052

1.716

2.302

excellent for Wilson

2.640

2.718

2.396

2.554

2.860

2.540

2.494

2.536

2.176

2.750

2.212

8 Rod Row Border

Manchu Hay
Row
1 4

O A ✓ 16.3 14.8

O B 17.2 17.4

O C ✓ 16.4 15.9

O D 17.4 19.2

O E ✓ 16.8 15.8

19 A ✓ 17.0 16.4

19 B 17.1 15.1

19 C ✓ 16.9 16.8

19 D 17.4 16.4

19 E ✓ 16.7 17.8

Hay
Cut 8/31
HT 37"

Lodging 4

Disease 2

Mower 3

Seed
TotalGrain
yield

7.65

2.254

9.40

2.658

8.60

2.550

9.60

2.916

9.00

2.826

9.20

2.176

9.20

2.590

9.10

2.336

10.10

2.126

9.40

2.520

Hay Studies 1931

Plot	Range	Variety	Stage	Row	Date Blown	Ht	Date Cut
1	A	Manchu	1	1	7/10	38"	8/4

2	C	Manchu	1				
---	---	--------	---	--	--	--	--

3	E	Manchu	1				
---	---	--------	---	--	--	--	--

4	B	Manchu	1				
---	---	--------	---	--	--	--	--

5	D	Manchu	1				
---	---	--------	---	--	--	--	--

not lodged, disease free

1	A	Manchu	2			39"	8/8
---	---	--------	---	--	--	-----	-----

2	C	..	2				
---	---	----	---	--	--	--	--

3	E	..	2				
---	---	----	---	--	--	--	--

4	B	..	2				
---	---	----	---	--	--	--	--

5	D	..	2				
---	---	----	---	--	--	--	--

lodging 1

1	A	Manchu	3			39"	8/25
---	---	--------	---	--	--	-----	------

2	C		3				
---	---	--	---	--	--	--	--

3	E		3				
---	---	--	---	--	--	--	--

4	B		3				
---	---	--	---	--	--	--	--

5	D		3				
---	---	--	---	--	--	--	--

Lodging 1
buck grasshopper injury

Row Row

1 2

chem

✓ 13.7 13.6

✓ 12.4 12.8

✓ 14.3 13.8

✓ 13.9 14.2

✓ 13.2 13.9

13.6 13.8

14.2 14.5

13.0 13.5

14.1 14.5

14.1 14.8

16.3 16.4

17.4 14.9

16.2 15.6

16.5 16.0

16.1 15.4

Plot	Range	Variety	Stage	Row	Ht	Date cut	Lodging
------	-------	---------	-------	-----	----	----------	---------

1	A	manchu	4		39	9/8	
---	---	--------	---	--	----	-----	--

2	C		4				
---	---	--	---	--	--	--	--

3	E		4				
---	---	--	---	--	--	--	--

4	B		4				
---	---	--	---	--	--	--	--

5	D		4				
---	---	--	---	--	--	--	--

1	A	manchu	5				
---	---	--------	---	--	--	--	--

2	C		5				
---	---	--	---	--	--	--	--

3	E		5				
---	---	--	---	--	--	--	--

4	B		5				
---	---	--	---	--	--	--	--

5	D		5				
---	---	--	---	--	--	--	--

Ripe 9/24

Ht 36"

Lodging 5

Row
1 2

Grain
yield

17.4 / 18.4

16.6 / 19.7

17.4 / 17.2

18.0 / 17.5

16.8 / 17.8

9.40

some speckled in
2.288. fanning

10.20

2.038

8.95

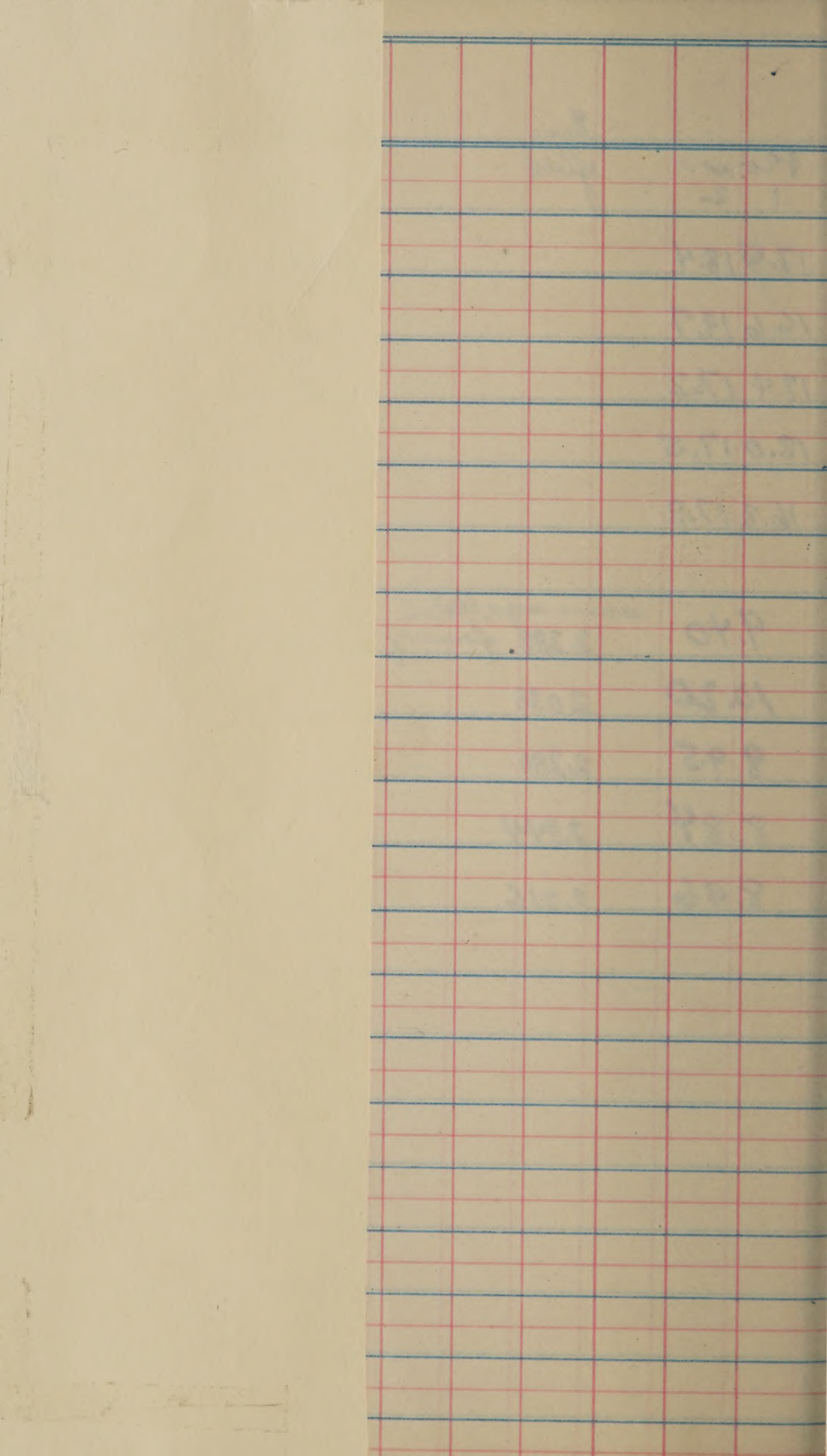
2.280

8.84

2.344

8.96

2.516



Plot	Range	Variety	Stage	Row	Date cut	Ht.
1	B	Harbinny	1		7/23	8/8 50"

2	D		1			
---	---	--	---	--	--	--

3	A		1			
---	---	--	---	--	--	--

4	C		1			
---	---	--	---	--	--	--

5	E		1			
---	---	--	---	--	--	--

lodging 8 disease 1

1	B	Harbinny	2			
---	---	----------	---	--	--	--

2	D		2			
---	---	--	---	--	--	--

3	A		2			
---	---	--	---	--	--	--

4	C		2			
---	---	--	---	--	--	--

5	E		2			
---	---	--	---	--	--	--

1	B	Harbinny	3			
---	---	----------	---	--	--	--

2	D		3			
---	---	--	---	--	--	--

3	A		3			
---	---	--	---	--	--	--

4	C		3			
---	---	--	---	--	--	--

5	E		3			
---	---	--	---	--	--	--

9-10 48"

11.5 12.8

10.8 11.9

11.2 9.5

12.5 11.9

11.0 11.5

15.0

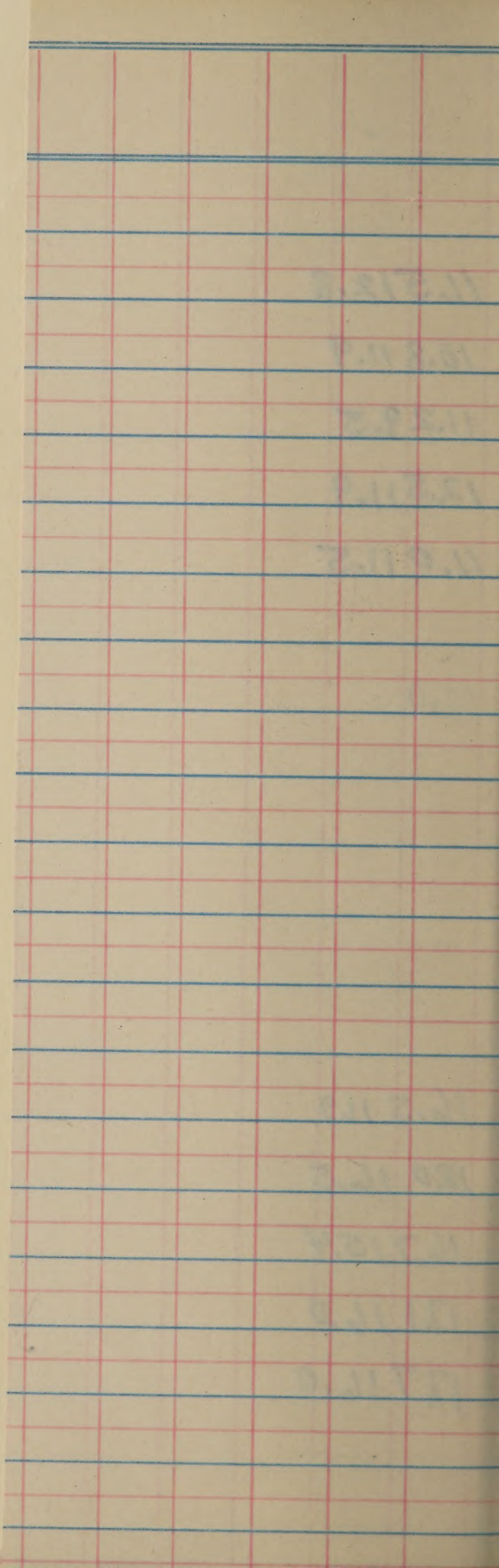
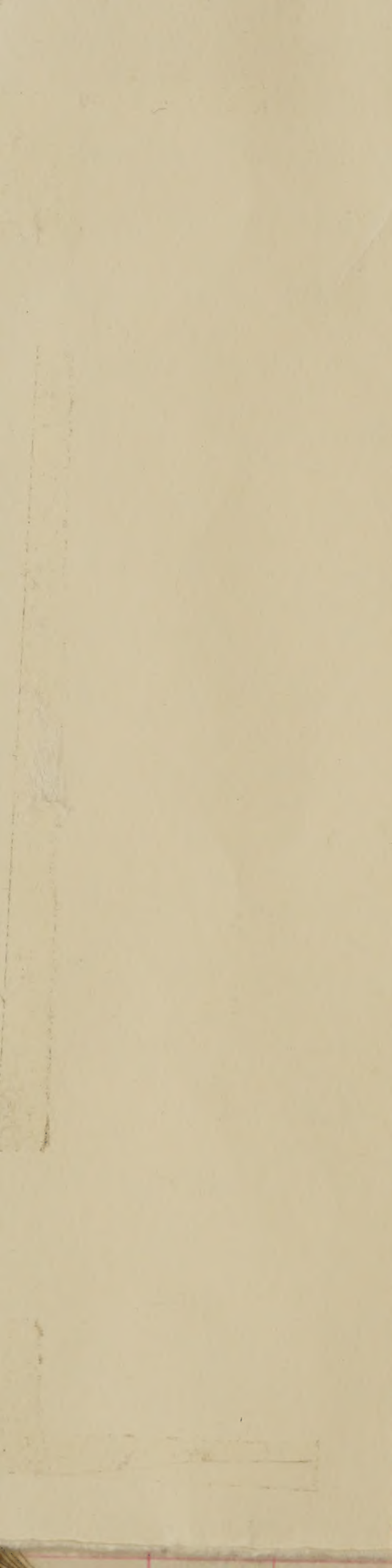
16.5 16.9

18.0 16.5

16.7 15.4

17.1 16.0

17.7 16.0



Plot Range Variety Stage Row

1	B	Herbimay	4
2	D		4
3	A		4
4	C		4
5	E		4

1	B	Herbimay	5
2	D		5
3	A		5
4	C		5
5	E		5

Ripe 9-30
 HT 52"
 Lodging 7

Row	Grain Yield
-----	----------------

15.0	18.2
------	------

15.1	16.5
------	------

16.2	16.1
------	------

15.6	15.7
------	------

13.2	15.6
------	------

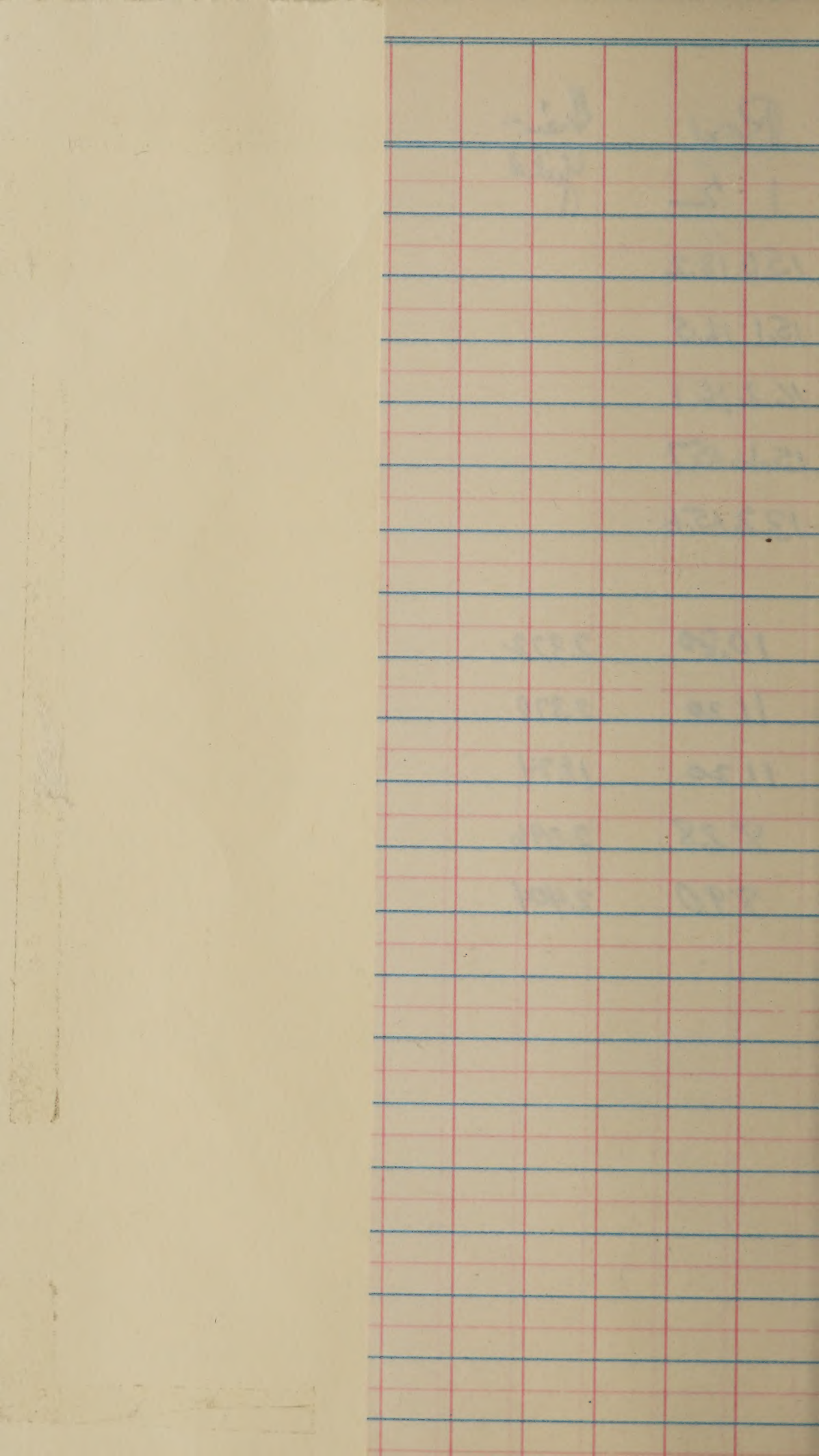
10.80	2.322
-------	-------

11.20	2.370
-------	-------

11.20	1.874
-------	-------

8.28	2.096
------	-------

8.90	2.404
------	-------



Plot	Range	Variety	Stage	Date Row	
				Cut	1 2

1	C	Wilson-5	1		
---	---	----------	---	--	--

2	E		1		
---	---	--	---	--	--

3	B		1		
---	---	--	---	--	--

4	D		1		
---	---	--	---	--	--

5	A		1		
---	---	--	---	--	--

1	C	Wilson-5	2		
---	---	----------	---	--	--

2	E		2		
---	---	--	---	--	--

3	B		2		
---	---	--	---	--	--

4	D		2		
---	---	--	---	--	--

5	A		2		
---	---	--	---	--	--

Rain

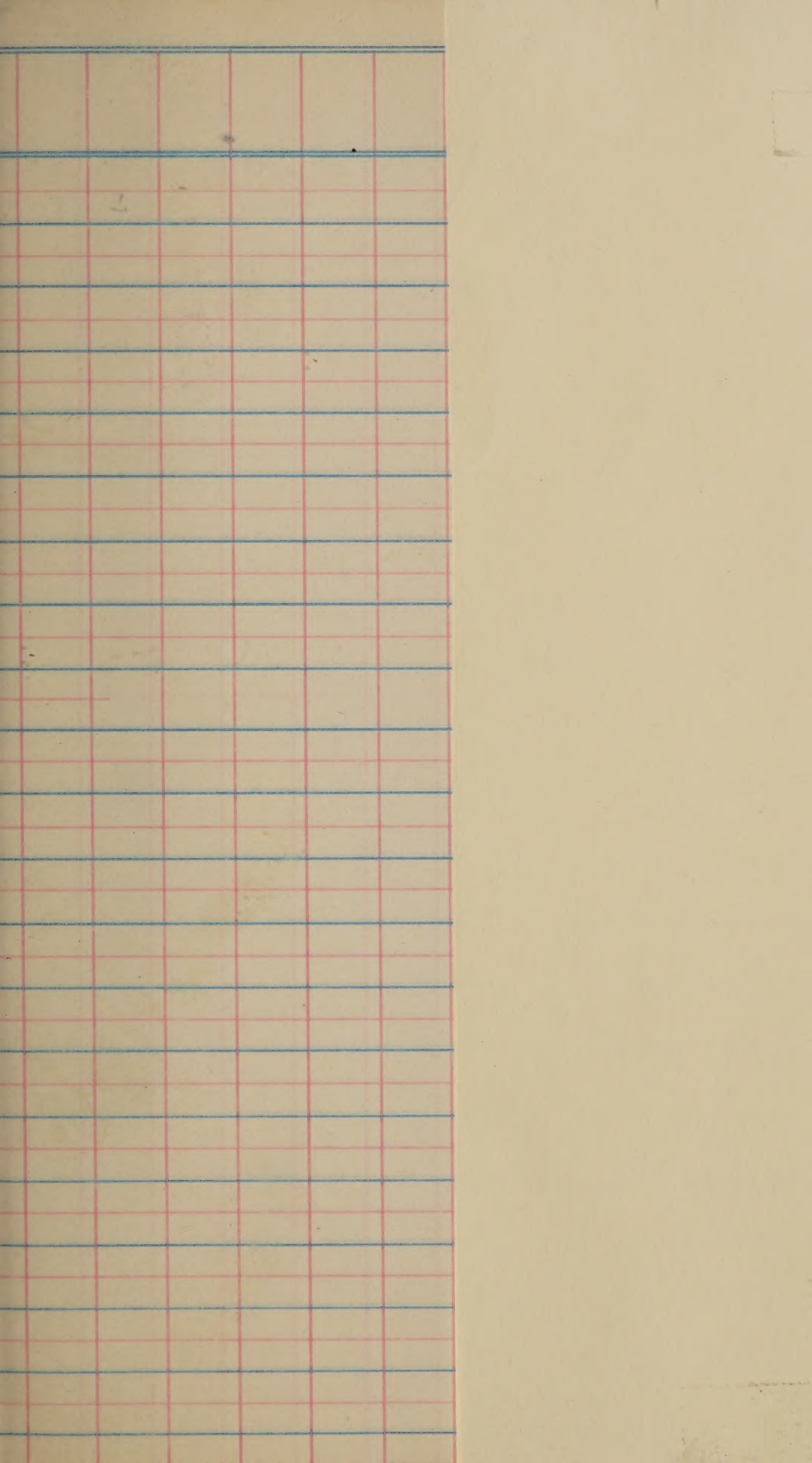
1	C	Wilson-5	3	9-10	13.4/15.4
---	---	----------	---	------	-----------

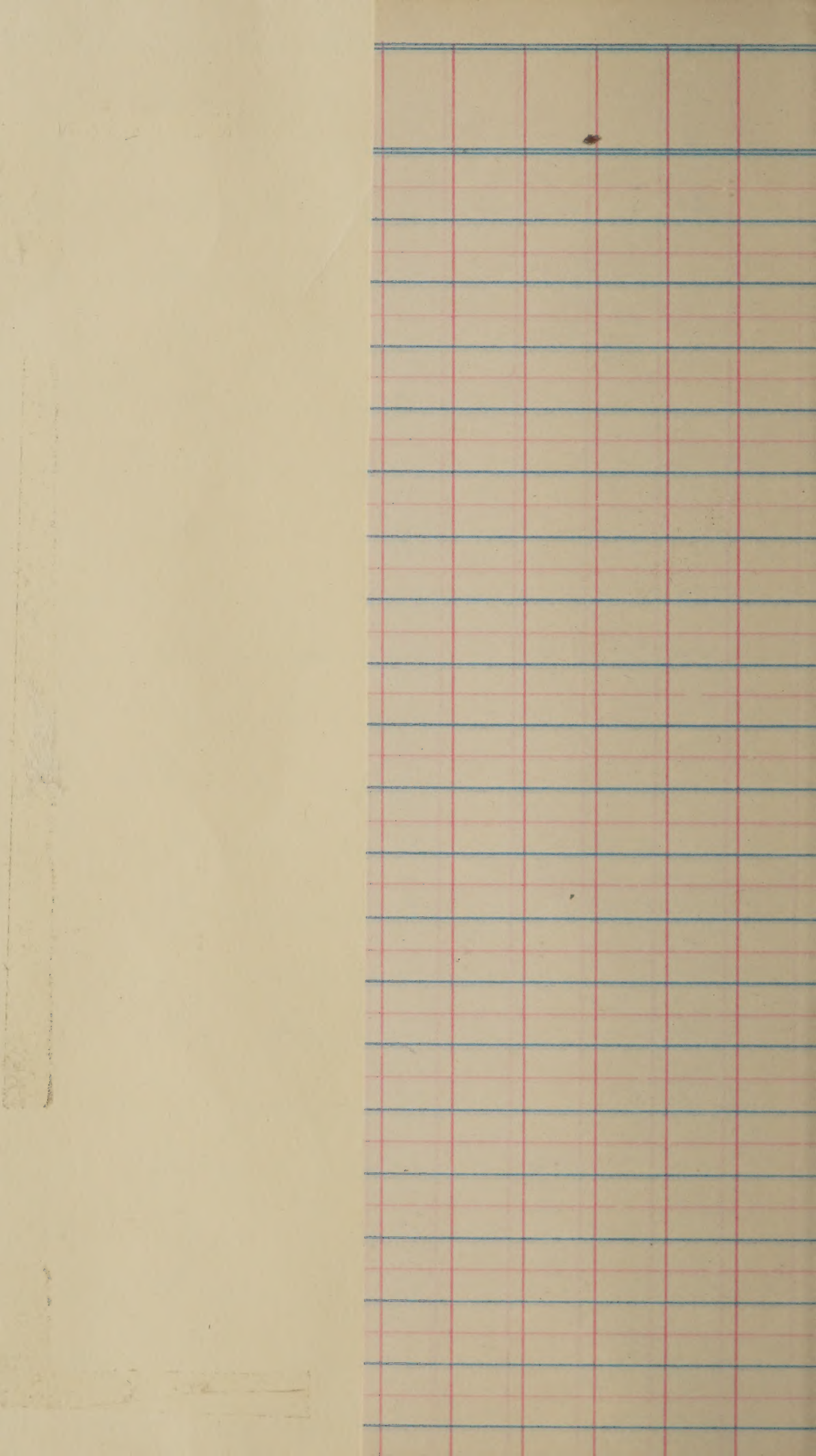
2	E		3		16.7/16.9
---	---	--	---	--	-----------

3	B		3		14.0/13.2
---	---	--	---	--	-----------

4	D		3		15.9/14.4
---	---	--	---	--	-----------

5	A		3		15.2/14.7
---	---	--	---	--	-----------





[illegible]

Plot Range Variety Stage Row

1 C Wilson-5 4

2 E 4

3 B 4

4 D 4

5 A 4

1 C Wilson-5 5

2 E 5

3 B 5

4 D 5

5 A 5

Ripe 9-28

HA 46"

Lodging 4

Row	Grain yield
-----	----------------

1	2
---	---

10.4	11.3
------	------

10.7	10.5
------	------

10.3	10.5
------	------

10.3	11.5
------	------

9.2	10.2
-----	------

8.44	1.872
------	-------

8.16	2.160
------	-------

8.20	2.068
------	-------

7.96	1.876
------	-------

6.68	1.786
------	-------

Subject.

Date,

Locality,

Very Steep *Stages 5* *11/9/32*

Mean

Veigina

Quinval

Veigina Stages 5

Mean

5-C

2.384

5-B

1.528

4-A

1.950

4-C

1.492

1-E

2.990

3-C

1.674

3-D

2.736

1-B

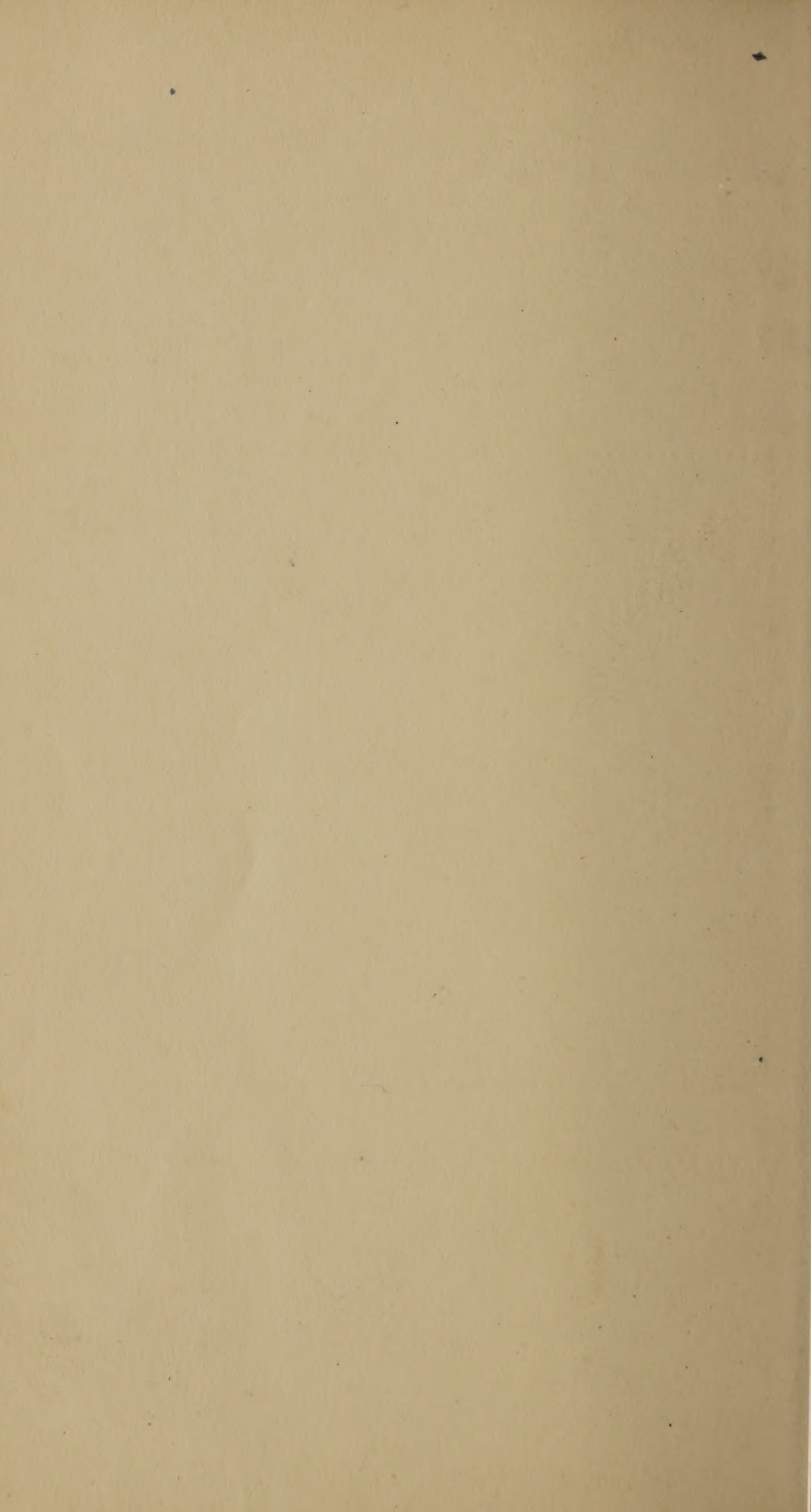
1.512

2-B

2.778

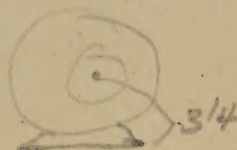
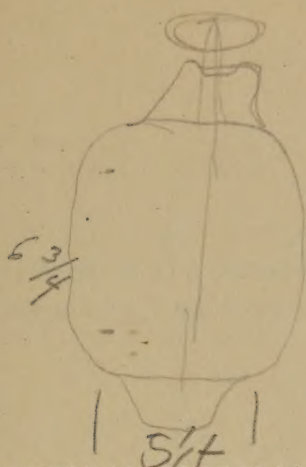
2-A

1.700



st 2 va Row 1 - 16.4

9-10-31



9-18-31
 Herb - st. 4 - 50" tall
 Wilsons - st. 4 - 44" tall
 Pek - st. 3 - 40" tall
 va - monday st. 4

By using this frank no postage is required in returning this
 book to the Office of Forage Crops and Diseases.

U. S. DEPARTMENT OF AGRICULTURE
 Official Business

Penalty for private use to avoid pay-
 ment of postage, \$300

U. S. DEPARTMENT OF AGRICULTURE,

WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
 FORAGE CROPS AND DISEASES

Pekin st 3 9-18-31 -

1	D	18.0	16.7
2	A	15.9	16.7
3	C	16.0	16.1
4	E	17.1	15.5
5	B	16.3	18.6

Stand Count for 1931

Range A

Variety	Row 2	Row 3	Plot	Variety	Row 3	Row 4	Plot	Variety	Row 2	Row 3	Row 4
	16	14	1		40	28	23		39	51	36
	41	40	2		43	43	24		40	11	8
	42	22	3		60	57	25		41	14	14
	31	36	4		37	38	26		42	23	29
	23	21	5	Variety	Row 3	Row 4	Range 6		43	8	15
	25	21	6		19	36	22		44	24	28
	25	35	7		19	22	23		45	26	36
	38	50	8		22	18	24		46	49	47
	21	19	9		21	23	25		47	35	42
	22	23	10		16	18	26				
	13	14	11		22	24	27				
	32	24	12		29	16	28				
	19	18	13		43	42	29				
	22	22	14		27	19	30				
	31	37	15		27	38	31				
	32	20	16		7	6	32				
	30	18	17		11	14	33				
	35	31	18		26	18	34				
	22	19	19		27	22	35				
	23	22	20		11	24	36				
	32	29	21		24	29	37				
	18	32	22		10	10	38				

corner

Variety	Plot	Row 2	Row 3	Variety	Plot	Row 2	Row 3	Plot	Range C		Range E	
									Row 2	Row 3	Plot	Row 2
	12	28	28		34	30	27	1	54	42	1	32
	13	25	22		35	31	33	2	38	37	2	41
	14	18	10		36	38	42	3	38	55	3	30
	15	22	26		37	37	38	4	13	53	4	69
	16	22	22	Range A	1	47	38	5	44	54	5	32
	17	32	17		2	46	52	6	58	44	6	63
	18	23	25		3	30	33	7	47	35	7	54
	19	36	37		4	62	58	8	44	30	8	44
	20	25	19		5	46	54	9	45	34	9	48
	21	26	22		6	44	35	Range 19				
	22	6	7		7	69	45	1	32	33		
	23	14	14		8	44	45	2	27	29		
	24	23	16		9	60	48	3	26	22		
	25	24	17	Range B	1	47	40	4	47	40		
	26	28	19		2	52	56	5	48	30		
	27	13	21		3	69	75	6	36	44		
	28	19	15		4	70	43	7	58	54		
	29	36	30		5	37	46	8	25	32		
	30	36	6		6	45	48	9	17	16		
	31	17	11		7	58	59					
	32	44	30		8	39	38					
	33	16	12		9	40	37					

